

## APK300 Calibration Certificate.

This is to certify that installed at NU Hospitals, Ambur. AutoPak300 Analyzer Serial number **20016904** has been duly calibrated on 11/05/2021 and the same was verified with the following tests.

**System Tests results:**

|                     | Passed                              | Failed                   | Comments |
|---------------------|-------------------------------------|--------------------------|----------|
| ● Temperature       | <input checked="" type="checkbox"/> | <input type="checkbox"/> | .....    |
| ● Stray light       | <input checked="" type="checkbox"/> | <input type="checkbox"/> | .....    |
| ● Noise             | <input checked="" type="checkbox"/> | <input type="checkbox"/> | .....    |
| ● Stability         | <input checked="" type="checkbox"/> | <input type="checkbox"/> | .....    |
| ● Tip pump          | <input checked="" type="checkbox"/> | <input type="checkbox"/> | .....    |
| ● Level detection   | <input checked="" type="checkbox"/> | <input type="checkbox"/> | .....    |
| ● Washer hydraulics | <input checked="" type="checkbox"/> | <input type="checkbox"/> | .....    |
| ● Washer            | <input checked="" type="checkbox"/> | <input type="checkbox"/> | .....    |
| ● Clot detector     | <input checked="" type="checkbox"/> | <input type="checkbox"/> | .....    |

Verified the Calibrations and alignment visually.

Performed Tests , all are passed.

Calibration of the instrument was carried out as per the recommendation.

Next Calibration will be performed on 11/05/2022

|   |  |
|---|--|
| <b>Name/Address of Lab: KM NU Hospitals,<br/>Solur, Ambur<br/>Tamilnadu</b> |  |
| <b>Phone#:9751740906</b>  | <b>Contact Person: Louis</b>                   |
| <b>MAIL:guru.yogesh@siemens-healthineers.com</b>                            | <b>Contact Email:lab.ambur@nuhospitals.com</b> |
| <b>Instrument Model: Autopak 300</b>  | <b>Instrument Serial #: 20016904</b>           |
| <b>Installation Date: 09.05.2020</b>  | <b>Software Revision #: 1.5</b>                |
| <b>Install Technician Name: Guru Yogesh</b>                                 | <b>Signature:</b>                              |

Guruyogesh.R

11/05/2021

Service Engineer, Bangalore

*P. Yogesh*

# Temperature Test

05/11/2021 04:30 PM

Software v2.6.0s

CPU Serial Number 01E84E531400007A

Instrument SN

20016904

## Front Arm

Arm room to 30°C: 0 min ≤ 1.5 min - Passed  
Arm 30°C to 40°C: 0 min ≤ 3.5 min - Passed  
Stability: 0 min ≤ 6 min - Passed  
Final temperature: 40°C Tolerance 0.3°C - Passed  
Final ripple: 0.19°C ≤ 0.35 °C - Passed

## Reaction Trays

Reaction room to 28°C: 0 min ≤ 10 min - Passed  
Reaction 28°C to 39°C: 0 min ≤ 30 min - Passed  
Stability: 1.4 min ≤ 45 min - Passed  
Final temperature: 38.9°C Tolerance 0.3°C - Passed  
Final ripple: 0.25°C ≤ 0.35 °C - Passed

## Reagent Tray

Reagent T°C: 7°C ≥ 6.5 °C - Passed  
Reagent T°C: 7°C ≤ Max(8.5; T - 18) - Passed  
On temperature time: 0 min ≤ 20 min - Passed  
Room temperature: 27°C

| Time (sec.) | Front Arm | Back Arm | Reaction Trays | Reagent Tray |
|-------------|-----------|----------|----------------|--------------|
| 0.0         | 40.000    | -        | 39.250         | 8.100        |
| 1.1         | 40.000    | -        | 39.250         | 8.100        |
| 2.2         | 39.938    | -        | 39.250         | 8.100        |
| 3.4         | 39.938    | -        | 39.250         | 8.100        |
| 4.5         | 39.938    | -        | 39.312         | 8.000        |
| 5.6         | 39.938    | -        | 39.312         | 8.000        |
| 6.7         | 39.938    | -        | 39.312         | 8.000        |
| 7.9         | 39.938    | -        | 39.312         | 8.000        |
| 9.0         | 39.938    | -        | 39.312         | 8.000        |
| 10.1        | 39.938    | -        | 39.312         | 8.000        |
| 11.3        | 39.938    | -        | 39.312         | 7.900        |
| 12.4        | 39.938    | -        | 39.312         | 7.900        |
| 13.5        | 39.938    | -        | 39.312         | 7.900        |
| 14.6        | 39.938    | -        | 39.312         | 7.900        |
| 15.8        | 39.938    | -        | 39.312         | 7.900        |
| 16.9        | 39.938    | -        | 39.312         | 7.900        |
| 18.0        | 39.938    | -        | 39.312         | 7.900        |
| 19.1        | 39.938    | -        | 39.312         | 7.900        |
| 20.2        | 39.938    | -        | 39.312         | 7.800        |
| 21.4        | 39.938    | -        | 39.312         | 7.800        |
| 22.5        | 39.938    | -        | 39.312         | 7.800        |
| 23.6        | 39.938    | -        | 39.312         | 7.800        |
| 24.8        | 39.938    | -        | 39.312         | 7.800        |
| 25.9        | 39.938    | -        | 39.312         | 7.800        |
| 27.0        | 39.938    | -        | 39.312         | 7.800        |
| 28.1        | 40.000    | -        | 39.312         | 7.800        |
| 29.2        | 40.000    | -        | 39.312         | 7.700        |
| 30.4        | 40.000    | -        | 39.312         | 7.700        |
| 31.5        | 40.000    | -        | 39.312         | 7.700        |

|      |        |   |        |       |
|------|--------|---|--------|-------|
| 32.6 | 40.000 | - | 39.312 | 7.700 |
| 33.7 | 40.000 | - | 39.312 | 7.700 |
| 34.8 | 40.000 | - | 39.312 | 7.700 |
| 36.0 | 40.000 | - | 39.312 | 7.600 |
| 37.1 | 40.000 | - | 39.312 | 7.600 |
| 38.2 | 40.000 | - | 39.312 | 7.600 |
| 39.3 | 40.000 | - | 39.312 | 7.600 |
| 40.5 | 40.000 | - | 39.312 | 7.600 |
| 41.6 | 40.000 | - | 39.312 | 7.600 |
| 42.7 | 40.000 | - | 39.312 | 7.600 |
| 43.8 | 40.000 | - | 39.312 | 7.600 |
| 45.0 | 40.000 | - | 39.312 | 7.600 |
| 46.1 | 40.000 | - | 39.312 | 7.600 |
| 47.2 | 40.000 | - | 39.312 | 7.600 |
| 48.3 | 40.000 | - | 39.312 | 7.600 |
| 49.5 | 40.000 | - | 39.312 | 7.600 |
| 50.6 | 40.000 | - | 39.312 | 7.600 |
| 51.7 | 40.000 | - | 39.312 | 7.500 |
| 52.8 | 40.000 | - | 39.312 | 7.500 |
| 54.0 | 40.000 | - | 39.312 | 7.500 |
| 55.1 | 39.938 | - | 39.312 | 7.500 |
| 56.2 | 39.938 | - | 39.312 | 7.500 |
| 57.3 | 39.938 | - | 39.312 | 7.400 |
| 58.5 | 39.938 | - | 39.312 | 7.400 |
| 59.6 | 39.938 | - | 39.312 | 7.400 |
| 60.7 | 39.938 | - | 39.312 | 7.400 |
| 61.8 | 39.938 | - | 39.312 | 7.400 |
| 63.0 | 39.938 | - | 39.312 | 7.400 |
| 64.1 | 39.938 | - | 39.312 | 7.400 |
| 65.2 | 39.938 | - | 39.312 | 7.400 |
| 66.3 | 39.938 | - | 39.312 | 7.400 |
| 67.5 | 39.938 | - | 39.312 | 7.400 |
| 68.6 | 39.938 | - | 39.312 | 7.400 |
| 69.7 | 39.938 | - | 39.312 | 7.400 |
| 70.8 | 39.938 | - | 39.312 | 7.400 |
| 72.0 | 39.938 | - | 39.312 | 7.400 |
| 73.1 | 39.938 | - | 39.312 | 7.400 |
| 74.2 | 39.938 | - | 39.312 | 7.400 |
| 75.3 | 39.938 | - | 39.312 | 7.300 |
| 76.5 | 39.938 | - | 39.312 | 7.300 |
| 77.6 | 39.938 | - | 39.312 | 7.300 |
| 78.7 | 39.938 | - | 39.312 | 7.300 |
| 79.8 | 39.938 | - | 39.312 | 7.300 |
| 81.0 | 39.938 | - | 39.312 | 7.200 |
| 82.1 | 39.938 | - | 39.312 | 7.300 |
| 83.2 | 39.938 | - | 39.250 | 7.200 |
| 84.3 | 39.938 | - | 39.250 | 7.200 |
| 85.5 | 39.938 | - | 39.250 | 7.200 |
| 86.6 | 40.000 | - | 39.250 | 7.200 |
| 87.7 | 40.000 | - | 39.250 | 7.200 |
| 88.8 | 40.000 | - | 39.250 | 7.200 |
| 90.0 | 40.000 | - | 39.250 | 7.200 |
| 91.1 | 40.000 | - | 39.250 | 7.200 |
| 92.2 | 40.000 | - | 39.250 | 7.200 |
| 93.3 | 40.000 | - | 39.250 | 7.200 |
| 94.5 | 40.000 | - | 39.250 | 7.200 |

|       |        |   |        |       |
|-------|--------|---|--------|-------|
| 95.6  | 40.000 | - | 39.250 | 7.200 |
| 96.7  | 40.000 | - | 39.250 | 7.100 |
| 97.8  | 40.000 | - | 39.250 | 7.100 |
| 99.0  | 40.000 | - | 39.250 | 7.200 |
| 100.1 | 40.000 | - | 39.250 | 7.200 |
| 101.2 | 40.000 | - | 39.250 | 7.100 |
| 102.3 | 40.062 | - | 39.250 | 7.100 |
| 103.4 | 40.062 | - | 39.250 | 7.100 |
| 104.6 | 40.062 | - | 39.250 | 7.100 |
| 105.7 | 40.062 | - | 39.250 | 7.100 |
| 106.8 | 40.062 | - | 39.250 | 7.100 |
| 107.9 | 40.062 | - | 39.250 | 7.100 |
| 109.0 | 40.062 | - | 39.250 | 7.100 |
| 110.2 | 40.062 | - | 39.250 | 7.100 |
| 111.3 | 40.062 | - | 39.250 | 7.100 |
| 112.4 | 40.062 | - | 39.250 | 7.100 |
| 113.5 | 40.062 | - | 39.250 | 7.100 |
| 114.6 | 40.062 | - | 39.250 | 7.100 |
| 115.7 | 40.062 | - | 39.250 | 7.000 |
| 116.9 | 40.062 | - | 39.250 | 7.100 |
| 118.0 | 40.062 | - | 39.250 | 7.100 |
| 119.1 | 40.062 | - | 39.250 | 7.100 |
| 120.2 | 40.062 | - | 39.250 | 7.100 |
| 121.4 | 40.062 | - | 39.250 | 7.200 |
| 122.5 | 40.062 | - | 39.250 | 7.300 |
| 123.6 | 40.062 | - | 39.250 | 7.400 |
| 124.7 | 40.062 | - | 39.250 | 7.500 |
| 125.8 | 40.062 | - | 39.250 | 7.500 |
| 126.9 | 40.062 | - | 39.250 | 7.600 |
| 128.1 | 40.062 | - | 39.250 | 7.700 |
| 129.2 | 40.000 | - | 39.250 | 7.800 |
| 130.3 | 40.000 | - | 39.188 | 7.800 |
| 131.4 | 40.000 | - | 39.188 | 7.900 |
| 132.6 | 40.000 | - | 39.188 | 8.000 |
| 133.7 | 40.000 | - | 39.188 | 8.100 |
| 134.8 | 40.000 | - | 39.188 | 8.100 |
| 135.9 | 40.000 | - | 39.188 | 8.100 |
| 137.1 | 40.000 | - | 39.188 | 8.200 |
| 138.2 | 40.000 | - | 39.188 | 8.100 |
| 139.3 | 40.000 | - | 39.188 | 8.100 |
| 140.4 | 40.000 | - | 39.188 | 8.100 |
| 141.6 | 40.000 | - | 39.188 | 8.100 |
| 142.7 | 39.938 | - | 39.188 | 8.100 |
| 143.8 | 39.938 | - | 39.188 | 8.100 |
| 144.9 | 39.938 | - | 39.188 | 8.100 |
| 146.1 | 39.938 | - | 39.188 | 8.000 |
| 147.2 | 39.938 | - | 39.188 | 8.000 |
| 148.3 | 39.938 | - | 39.188 | 8.000 |
| 149.4 | 39.938 | - | 39.188 | 8.000 |
| 150.5 | 39.938 | - | 39.188 | 7.900 |
| 151.6 | 39.938 | - | 39.188 | 7.900 |
| 152.8 | 39.938 | - | 39.188 | 7.900 |
| 153.9 | 39.938 | - | 39.188 | 7.900 |
| 155.0 | 39.938 | - | 39.188 | 7.900 |
| 156.1 | 39.938 | - | 39.188 | 7.900 |
| 157.3 | 39.938 | - | 39.188 | 7.900 |

|       |        |   |        |       |
|-------|--------|---|--------|-------|
| 158.4 | 39.938 | - | 39.188 | 7.900 |
| 159.5 | 39.938 | - | 39.188 | 7.900 |
| 160.6 | 39.938 | - | 39.188 | 7.900 |
| 161.7 | 39.938 | - | 39.188 | 7.800 |
| 162.9 | 39.938 | - | 39.125 | 7.800 |
| 164.0 | 39.938 | - | 39.125 | 7.800 |
| 165.1 | 39.938 | - | 39.125 | 7.800 |
| 166.2 | 39.938 | - | 39.125 | 7.800 |
| 167.4 | 39.938 | - | 39.125 | 7.800 |
| 168.5 | 39.938 | - | 39.125 | 7.800 |
| 169.6 | 39.938 | - | 39.125 | 7.700 |
| 170.7 | 39.938 | - | 39.125 | 7.700 |
| 171.9 | 39.938 | - | 39.125 | 7.700 |
| 173.0 | 39.938 | - | 39.125 | 7.700 |
| 174.1 | 39.938 | - | 39.125 | 7.700 |
| 175.2 | 39.938 | - | 39.188 | 7.600 |
| 176.4 | 39.938 | - | 39.188 | 7.600 |
| 177.5 | 39.938 | - | 39.125 | 7.600 |
| 178.6 | 39.938 | - | 39.188 | 7.600 |
| 179.7 | 39.938 | - | 39.188 | 7.600 |
| 180.9 | 39.938 | - | 39.125 | 7.600 |
| 182.0 | 39.938 | - | 39.125 | 7.600 |
| 183.1 | 40.000 | - | 39.125 | 7.600 |
| 184.2 | 40.000 | - | 39.125 | 7.600 |
| 185.3 | 40.000 | - | 39.125 | 7.600 |
| 186.5 | 40.000 | - | 39.125 | 7.600 |
| 187.6 | 40.000 | - | 39.125 | 7.600 |
| 188.7 | 40.000 | - | 39.125 | 7.600 |
| 189.8 | 40.000 | - | 39.125 | 7.600 |
| 191.0 | 40.000 | - | 39.125 | 7.500 |
| 192.1 | 40.000 | - | 39.125 | 7.500 |
| 193.2 | 40.000 | - | 39.125 | 7.500 |
| 194.3 | 40.000 | - | 39.125 | 7.500 |
| 195.5 | 40.000 | - | 39.125 | 7.400 |
| 196.6 | 40.000 | - | 39.125 | 7.400 |
| 197.7 | 40.000 | - | 39.125 | 7.400 |
| 198.8 | 40.000 | - | 39.125 | 7.400 |
| 199.9 | 40.000 | - | 39.125 | 7.400 |
| 201.1 | 40.000 | - | 39.188 | 7.400 |
| 202.2 | 40.000 | - | 39.188 | 7.400 |
| 203.3 | 40.062 | - | 39.188 | 7.400 |
| 204.4 | 40.062 | - | 39.188 | 7.400 |
| 205.6 | 40.062 | - | 39.188 | 7.400 |
| 206.7 | 40.062 | - | 39.188 | 7.300 |
| 207.8 | 40.062 | - | 39.188 | 7.300 |
| 208.9 | 40.062 | - | 39.125 | 7.300 |
| 210.1 | 40.062 | - | 39.125 | 7.300 |
| 211.2 | 40.062 | - | 39.125 | 7.300 |
| 212.3 | 40.062 | - | 39.125 | 7.300 |
| 213.4 | 40.062 | - | 39.125 | 7.300 |
| 214.6 | 40.062 | - | 39.125 | 7.300 |
| 215.7 | 40.062 | - | 39.125 | 7.300 |
| 216.8 | 40.062 | - | 39.125 | 7.300 |
| 217.9 | 40.000 | - | 39.125 | 7.300 |
| 219.1 | 40.000 | - | 39.125 | 7.300 |
| 220.2 | 40.000 | - | 39.125 | 7.200 |

|       |        |   |        |       |
|-------|--------|---|--------|-------|
| 221.3 | 40.000 | - | 39.125 | 7.200 |
| 222.4 | 40.000 | - | 39.125 | 7.200 |
| 223.6 | 40.000 | - | 39.125 | 7.200 |
| 224.7 | 40.000 | - | 39.125 | 7.200 |
| 225.8 | 40.000 | - | 39.125 | 7.200 |
| 226.9 | 40.000 | - | 39.125 | 7.200 |
| 228.1 | 40.000 | - | 39.125 | 7.200 |
| 229.2 | 40.000 | - | 39.125 | 7.200 |
| 230.3 | 39.938 | - | 39.125 | 7.200 |
| 231.4 | 39.938 | - | 39.125 | 7.200 |
| 232.6 | 39.938 | - | 39.125 | 7.200 |
| 233.7 | 39.938 | - | 39.125 | 7.100 |
| 234.8 | 39.938 | - | 39.125 | 7.100 |
| 235.9 | 39.938 | - | 39.125 | 7.200 |
| 237.1 | 39.938 | - | 39.125 | 7.100 |
| 238.2 | 39.938 | - | 39.125 | 7.100 |
| 239.3 | 39.938 | - | 39.125 | 7.100 |
| 240.4 | 39.938 | - | 39.125 | 7.100 |
| 241.6 | 39.938 | - | 39.125 | 7.100 |
| 242.7 | 39.938 | - | 39.125 | 7.100 |
| 243.8 | 39.938 | - | 39.125 | 7.100 |
| 244.9 | 39.938 | - | 39.125 | 7.100 |
| 246.1 | 39.938 | - | 39.125 | 7.100 |
| 247.2 | 39.938 | - | 39.125 | 7.100 |
| 248.3 | 39.938 | - | 39.125 | 7.100 |
| 249.4 | 39.938 | - | 39.125 | 7.100 |
| 250.6 | 39.938 | - | 39.125 | 7.100 |
| 251.7 | 39.938 | - | 39.125 | 7.100 |
| 252.8 | 39.938 | - | 39.125 | 7.100 |
| 253.9 | 39.938 | - | 39.125 | 7.100 |
| 255.1 | 39.938 | - | 39.125 | 7.100 |
| 256.2 | 39.938 | - | 39.125 | 7.000 |
| 257.3 | 39.938 | - | 39.125 | 7.000 |
| 258.4 | 39.938 | - | 39.125 | 7.100 |
| 259.6 | 39.938 | - | 39.125 | 7.200 |
| 260.7 | 39.938 | - | 39.125 | 7.200 |
| 261.8 | 39.938 | - | 39.125 | 7.300 |
| 262.9 | 39.938 | - | 39.125 | 7.400 |
| 264.1 | 39.938 | - | 39.125 | 7.400 |
| 265.2 | 39.938 | - | 39.125 | 7.600 |
| 266.3 | 40.000 | - | 39.062 | 7.600 |
| 267.4 | 40.000 | - | 39.062 | 7.800 |
| 268.5 | 40.000 | - | 39.062 | 7.800 |
| 269.7 | 40.000 | - | 39.062 | 7.900 |
| 270.8 | 40.000 | - | 39.062 | 7.900 |
| 271.9 | 40.000 | - | 39.062 | 8.000 |
| 273.0 | 40.000 | - | 39.062 | 8.100 |
| 274.2 | 40.000 | - | 39.125 | 8.100 |
| 275.3 | 40.000 | - | 39.125 | 8.200 |
| 276.4 | 40.000 | - | 39.125 | 8.200 |
| 277.5 | 40.000 | - | 39.125 | 8.200 |
| 278.7 | 40.000 | - | 39.125 | 8.200 |
| 279.8 | 40.000 | - | 39.125 | 8.100 |
| 280.9 | 40.000 | - | 39.125 | 8.100 |
| 282.0 | 40.000 | - | 39.125 | 8.100 |
| 283.2 | 40.062 | - | 39.125 | 8.100 |

|       |        |   |        |       |
|-------|--------|---|--------|-------|
| 284.3 | 40.062 | - | 39.125 | 8.100 |
| 285.4 | 40.062 | - | 39.125 | 8.100 |
| 286.5 | 40.062 | - | 39.125 | 8.100 |
| 287.7 | 40.062 | - | 39.125 | 8.000 |
| 288.8 | 40.062 | - | 39.125 | 8.000 |
| 289.9 | 40.062 | - | 39.125 | 8.000 |
| 291.0 | 40.062 | - | 39.125 | 7.900 |
| 292.2 | 40.062 | - | 39.125 | 7.900 |
| 293.3 | 40.062 | - | 39.125 | 7.900 |
| 294.4 | 40.062 | - | 39.125 | 7.900 |
| 295.5 | 40.062 | - | 39.125 | 7.900 |
| 296.7 | 40.000 | - | 39.125 | 7.900 |
| 297.8 | 40.000 | - | 39.125 | 7.900 |
| 298.9 | 40.000 | - | 39.125 | 7.900 |
| 300.0 | 40.000 | - | 39.125 | 7.900 |
| 301.2 | 40.000 | - | 39.125 | 7.900 |
| 302.3 | 40.000 | - | 39.125 | 7.900 |
| 303.4 | 40.000 | - | 39.125 | 7.800 |
| 304.5 | 40.000 | - | 39.125 | 7.800 |
| 305.7 | 40.000 | - | 39.125 | 7.800 |
| 306.8 | 39.938 | - | 39.125 | 7.800 |
| 307.9 | 39.938 | - | 39.125 | 7.800 |
| 309.0 | 39.938 | - | 39.125 | 7.800 |
| 310.2 | 39.938 | - | 39.125 | 7.800 |
| 311.3 | 39.938 | - | 39.125 | 7.800 |
| 312.4 | 39.938 | - | 39.125 | 7.700 |
| 313.5 | 39.938 | - | 39.125 | 7.700 |
| 314.7 | 39.938 | - | 39.125 | 7.700 |
| 315.8 | 39.938 | - | 39.125 | 7.700 |
| 316.9 | 39.938 | - | 39.125 | 7.600 |
| 318.0 | 39.938 | - | 39.125 | 7.600 |
| 319.2 | 39.938 | - | 39.125 | 7.600 |
| 320.3 | 39.938 | - | 39.125 | 7.600 |
| 321.4 | 39.938 | - | 39.125 | 7.600 |
| 322.5 | 39.938 | - | 39.125 | 7.600 |
| 323.7 | 39.938 | - | 39.125 | 7.600 |
| 324.8 | 39.938 | - | 39.125 | 7.600 |
| 325.9 | 39.938 | - | 39.125 | 7.600 |
| 327.0 | 39.938 | - | 39.125 | 7.500 |
| 328.2 | 39.938 | - | 39.125 | 7.600 |
| 329.3 | 39.938 | - | 39.125 | 7.500 |
| 330.4 | 39.938 | - | 39.125 | 7.500 |
| 331.5 | 39.938 | - | 39.125 | 7.600 |
| 332.7 | 39.938 | - | 39.125 | 7.500 |
| 333.8 | 39.938 | - | 39.125 | 7.500 |
| 334.9 | 39.938 | - | 39.125 | 7.500 |
| 336.1 | 39.938 | - | 39.125 | 7.500 |
| 337.2 | 39.938 | - | 39.125 | 7.500 |
| 338.3 | 39.938 | - | 39.125 | 7.500 |
| 339.4 | 39.938 | - | 39.125 | 7.500 |
| 340.5 | 40.000 | - | 39.125 | 7.400 |
| 341.7 | 40.000 | - | 39.125 | 7.400 |
| 342.8 | 40.000 | - | 39.125 | 7.400 |
| 343.9 | 40.000 | - | 39.125 | 7.400 |
| 345.0 | 40.000 | - | 39.125 | 7.400 |
| 346.2 | 40.000 | - | 39.125 | 7.400 |



|       |        |   |        |       |
|-------|--------|---|--------|-------|
| 347.3 | 40.000 | - | 39.125 | 7.400 |
| 348.4 | 40.000 | - | 39.125 | 7.400 |
| 349.5 | 40.000 | - | 39.125 | 7.400 |
| 350.7 | 40.000 | - | 39.125 | 7.400 |
| 351.8 | 40.000 | - | 39.125 | 7.300 |
| 352.9 | 40.000 | - | 39.125 | 7.300 |
| 354.0 | 40.000 | - | 39.125 | 7.300 |
| 355.2 | 40.000 | - | 39.125 | 7.300 |
| 356.3 | 40.000 | - | 39.125 | 7.300 |
| 357.4 | 40.000 | - | 39.125 | 7.300 |
| 358.5 | 40.000 | - | 39.125 | 7.300 |
| 359.7 | 40.000 | - | 39.125 | 7.300 |
| 360.8 | 40.000 | - | 39.125 | 7.300 |
| 361.9 | 40.000 | - | 39.125 | 7.300 |
| 363.0 | 40.000 | - | 39.125 | 7.300 |
| 364.2 | 40.000 | - | 39.125 | 7.200 |
| 365.3 | 40.000 | - | 39.125 | 7.200 |
| 366.4 | 40.000 | - | 39.125 | 7.200 |
| 367.5 | 39.938 | - | 39.125 | 7.200 |
| 368.7 | 39.938 | - | 39.125 | 7.200 |
| 369.8 | 39.938 | - | 39.125 | 7.200 |
| 370.9 | 39.938 | - | 39.125 | 7.200 |
| 372.0 | 39.938 | - | 39.125 | 7.200 |
| 373.2 | 39.938 | - | 39.125 | 7.200 |
| 374.3 | 39.938 | - | 39.125 | 7.200 |
| 375.4 | 39.938 | - | 39.125 | 7.200 |
| 376.5 | 39.938 | - | 39.125 | 7.200 |
| 377.6 | 39.938 | - | 39.125 | 7.200 |
| 378.7 | 39.938 | - | 39.125 | 7.200 |
| 379.9 | 39.938 | - | 39.125 | 7.200 |
| 381.0 | 39.875 | - | 39.125 | 7.200 |
| 382.1 | 39.875 | - | 39.125 | 7.100 |
| 383.2 | 39.875 | - | 39.125 | 7.100 |
| 384.3 | 39.875 | - | 39.125 | 7.100 |
| 385.5 | 39.875 | - | 39.125 | 7.100 |
| 386.6 | 39.875 | - | 39.125 | 7.100 |
| 387.7 | 39.875 | - | 39.125 | 7.100 |
| 388.8 | 39.875 | - | 39.125 | 7.100 |
| 389.9 | 39.875 | - | 39.125 | 7.100 |
| 391.1 | 39.875 | - | 39.125 | 7.100 |
| 392.2 | 39.938 | - | 39.125 | 7.100 |
| 393.3 | 39.938 | - | 39.125 | 7.100 |
| 394.4 | 39.938 | - | 39.125 | 7.100 |
| 395.6 | 39.938 | - | 39.125 | 7.100 |
| 396.7 | 39.938 | - | 39.125 | 7.100 |
| 397.8 | 39.938 | - | 39.125 | 7.100 |
| 398.9 | 39.938 | - | 39.125 | 7.100 |
| 400.1 | 39.938 | - | 39.125 | 7.100 |
| 401.2 | 39.938 | - | 39.125 | 7.100 |
| 402.3 | 39.938 | - | 39.125 | 7.100 |
| 403.4 | 39.938 | - | 39.125 | 7.100 |
| 404.5 | 39.938 | - | 39.125 | 7.100 |
| 405.7 | 39.938 | - | 39.125 | 7.000 |
| 406.8 | 39.938 | - | 39.125 | 7.100 |
| 407.9 | 39.938 | - | 39.125 | 7.100 |
| 409.0 | 40.000 | - | 39.125 | 7.100 |

|       |        |   |        |       |
|-------|--------|---|--------|-------|
| 410.2 | 40.000 | - | 39.125 | 7.200 |
| 411.3 | 40.000 | - | 39.125 | 7.200 |
| 412.4 | 40.000 | - | 39.125 | 7.300 |
| 413.5 | 40.000 | - | 39.125 | 7.400 |
| 414.7 | 40.000 | - | 39.125 | 7.500 |
| 415.8 | 40.000 | - | 39.125 | 7.600 |
| 416.9 | 40.000 | - | 39.125 | 7.600 |
| 418.0 | 40.000 | - | 39.125 | 7.700 |
| 419.1 | 40.000 | - | 39.125 | 7.800 |
| 420.2 | 40.000 | - | 39.125 | 7.900 |
| 421.4 | 40.000 | - | 39.125 | 7.900 |
| 422.5 | 40.000 | - | 39.125 | 8.000 |
| 423.6 | 40.000 | - | 39.125 | 8.100 |
| 424.7 | 40.000 | - | 39.125 | 8.100 |
| 425.9 | 40.000 | - | 39.125 | 8.200 |
| 427.0 | 40.000 | - | 39.125 | 8.200 |
| 428.1 | 40.000 | - | 39.125 | 8.200 |
| 429.2 | 40.000 | - | 39.125 | 8.200 |
| 430.3 | 40.000 | - | 39.125 | 8.100 |
| 431.5 | 40.000 | - | 39.125 | 8.100 |
| 432.6 | 40.000 | - | 39.125 | 8.100 |
| 433.7 | 40.000 | - | 39.125 | 8.100 |
| 434.8 | 40.000 | - | 39.125 | 8.100 |
| 436.0 | 40.000 | - | 39.125 | 8.100 |
| 437.1 | 40.000 | - | 39.125 | 8.100 |
| 438.2 | 40.000 | - | 39.125 | 8.100 |
| 439.3 | 40.000 | - | 39.125 | 8.000 |
| 440.5 | 40.000 | - | 39.125 | 8.000 |
| 441.6 | 40.000 | - | 39.125 | 8.000 |
| 442.7 | 40.000 | - | 39.125 | 8.000 |
| 443.8 | 40.000 | - | 39.125 | 8.000 |
| 445.0 | 40.000 | - | 39.125 | 7.900 |
| 446.1 | 40.000 | - | 39.125 | 7.900 |
| 447.2 | 40.000 | - | 39.125 | 7.900 |
| 448.3 | 39.938 | - | 39.125 | 7.900 |
| 449.5 | 39.938 | - | 39.125 | 7.900 |
| 450.6 | 39.938 | - | 39.125 | 7.900 |
| 451.7 | 39.938 | - | 39.125 | 7.900 |
| 452.8 | 39.938 | - | 39.125 | 7.900 |
| 453.9 | 39.938 | - | 39.125 | 7.900 |
| 455.1 | 39.938 | - | 39.125 | 7.900 |
| 456.2 | 39.938 | - | 39.125 | 7.800 |
| 457.3 | 39.938 | - | 39.125 | 7.900 |
| 458.4 | 39.938 | - | 39.125 | 7.800 |
| 459.6 | 39.938 | - | 39.125 | 7.800 |
| 460.7 | 39.938 | - | 39.125 | 7.800 |
| 461.8 | 39.938 | - | 39.125 | 7.800 |
| 462.9 | 39.938 | - | 39.125 | 7.800 |
| 464.1 | 39.938 | - | 39.125 | 7.700 |
| 465.2 | 39.938 | - | 39.125 | 7.800 |
| 466.3 | 39.938 | - | 39.125 | 7.700 |
| 467.5 | 39.938 | - | 39.125 | 7.700 |
| 468.6 | 39.938 | - | 39.125 | 7.700 |
| 469.7 | 40.000 | - | 39.062 | 7.700 |
| 470.8 | 40.000 | - | 39.125 | 7.700 |
| 472.0 | 40.000 | - | 39.062 | 7.600 |

|       |        |   |        |       |
|-------|--------|---|--------|-------|
| 473.1 | 40.000 | - | 39.062 | 7.600 |
| 474.2 | 40.000 | - | 39.062 | 7.600 |
| 475.3 | 40.000 | - | 39.062 | 7.600 |
| 476.5 | 40.000 | - | 39.062 | 7.600 |
| 477.6 | 40.000 | - | 39.125 | 7.600 |
| 478.7 | 40.000 | - | 39.125 | 7.600 |
| 479.8 | 40.000 | - | 39.062 | 7.600 |
| 481.0 | 40.000 | - | 39.062 | 7.600 |
| 482.1 | 40.000 | - | 39.062 | 7.600 |
| 483.2 | 40.000 | - | 39.062 | 7.600 |
| 484.3 | 40.000 | - | 39.062 | 7.600 |
| 485.5 | 40.000 | - | 39.062 | 7.600 |
| 486.6 | 40.000 | - | 39.062 | 7.600 |
| 487.7 | 40.000 | - | 39.062 | 7.600 |
| 488.8 | 40.000 | - | 39.062 | 7.600 |
| 489.9 | 40.000 | - | 39.062 | 7.500 |
| 491.1 | 40.000 | - | 39.062 | 7.500 |
| 492.2 | 40.062 | - | 39.062 | 7.500 |
| 493.3 | 40.000 | - | 39.125 | 7.500 |
| 494.4 | 40.000 | - | 39.125 | 7.500 |
| 495.6 | 40.000 | - | 39.125 | 7.400 |
| 496.7 | 40.000 | - | 39.125 | 7.400 |
| 497.8 | 40.000 | - | 39.125 | 7.400 |
| 498.9 | 40.000 | - | 39.125 | 7.400 |
| 500.1 | 40.000 | - | 39.125 | 7.400 |
| 501.2 | 40.000 | - | 39.125 | 7.400 |
| 502.3 | 40.000 | - | 39.125 | 7.400 |
| 503.4 | 40.000 | - | 39.125 | 7.400 |
| 504.6 | 39.938 | - | 39.125 | 7.400 |
| 505.7 | 39.938 | - | 39.125 | 7.400 |
| 506.8 | 39.938 | - | 39.062 | 7.400 |
| 507.9 | 39.938 | - | 39.062 | 7.400 |
| 509.1 | 39.938 | - | 39.062 | 7.400 |
| 510.2 | 39.938 | - | 39.062 | 7.400 |
| 511.3 | 39.938 | - | 39.062 | 7.400 |
| 512.4 | 39.938 | - | 39.062 | 7.400 |
| 513.6 | 39.938 | - | 39.125 | 7.400 |
| 514.7 | 39.938 | - | 39.062 | 7.400 |
| 515.8 | 39.938 | - | 39.125 | 7.400 |
| 516.9 | 39.938 | - | 39.125 | 7.300 |
| 518.1 | 39.938 | - | 39.125 | 7.400 |
| 519.2 | 39.938 | - | 39.125 | 7.300 |
| 520.3 | 39.938 | - | 39.125 | 7.300 |
| 521.4 | 39.938 | - | 39.125 | 7.300 |
| 522.6 | 39.938 | - | 39.125 | 7.300 |
| 523.7 | 39.938 | - | 39.125 | 7.300 |
| 524.8 | 39.938 | - | 39.125 | 7.300 |
| 525.9 | 39.938 | - | 39.125 | 7.200 |
| 527.1 | 39.938 | - | 39.125 | 7.300 |
| 528.2 | 39.938 | - | 39.125 | 7.200 |
| 529.3 | 40.000 | - | 39.125 | 7.200 |
| 530.4 | 40.000 | - | 39.125 | 7.200 |
| 531.6 | 40.000 | - | 39.125 | 7.200 |
| 532.7 | 40.000 | - | 39.125 | 7.200 |
| 533.8 | 40.000 | - | 39.125 | 7.200 |
| 534.9 | 40.000 | - | 39.125 | 7.200 |

|       |        |   |        |       |
|-------|--------|---|--------|-------|
| 536.1 | 40.000 | - | 39.125 | 7.200 |
| 537.2 | 40.000 | - | 39.125 | 7.200 |
| 538.3 | 40.000 | - | 39.125 | 7.200 |
| 539.4 | 40.000 | - | 39.125 | 7.200 |
| 540.6 | 40.000 | - | 39.125 | 7.200 |
| 541.7 | 40.000 | - | 39.125 | 7.200 |
| 542.8 | 40.000 | - | 39.125 | 7.200 |
| 543.9 | 40.000 | - | 39.125 | 7.200 |
| 545.1 | 40.000 | - | 39.125 | 7.200 |
| 546.2 | 40.000 | - | 39.125 | 7.200 |
| 547.3 | 40.000 | - | 39.125 | 7.200 |
| 548.4 | 40.000 | - | 39.125 | 7.200 |
| 549.6 | 40.000 | - | 39.125 | 7.100 |
| 550.7 | 40.000 | - | 39.125 | 7.200 |
| 551.8 | 40.000 | - | 39.125 | 7.100 |
| 552.9 | 40.000 | - | 39.125 | 7.100 |
| 554.1 | 40.000 | - | 39.125 | 7.100 |
| 555.2 | 40.000 | - | 39.125 | 7.100 |
| 556.3 | 40.000 | - | 39.125 | 7.100 |
| 557.4 | 40.000 | - | 39.125 | 7.100 |
| 558.6 | 40.000 | - | 39.125 | 7.100 |
| 559.7 | 40.000 | - | 39.125 | 7.100 |
| 560.8 | 40.000 | - | 39.125 | 7.100 |
| 561.9 | 40.000 | - | 39.125 | 7.100 |
| 563.1 | 39.938 | - | 39.125 | 7.100 |
| 564.2 | 39.938 | - | 39.125 | 7.100 |
| 565.3 | 39.938 | - | 39.125 | 7.100 |
| 566.4 | 39.938 | - | 39.125 | 7.100 |
| 567.6 | 39.938 | - | 39.125 | 7.100 |
| 568.7 | 39.938 | - | 39.125 | 7.100 |
| 569.8 | 39.938 | - | 39.125 | 7.100 |
| 570.9 | 39.938 | - | 39.125 | 7.100 |
| 572.1 | 39.938 | - | 39.125 | 7.100 |
| 573.2 | 39.938 | - | 39.125 | 7.100 |
| 574.3 | 39.938 | - | 39.125 | 7.100 |
| 575.4 | 39.938 | - | 39.125 | 7.100 |
| 576.6 | 39.938 | - | 39.125 | 7.100 |
| 577.7 | 39.938 | - | 39.125 | 7.100 |
| 578.8 | 39.938 | - | 39.125 | 7.100 |
| 579.9 | 39.938 | - | 39.125 | 7.100 |
| 581.1 | 39.938 | - | 39.125 | 7.100 |
| 582.2 | 39.938 | - | 39.125 | 7.000 |
| 583.3 | 39.938 | - | 39.125 | 7.000 |
| 584.4 | 39.938 | - | 39.125 | 7.100 |
| 585.6 | 39.938 | - | 39.125 | 7.100 |
| 586.7 | 40.000 | - | 39.125 | 7.200 |
| 587.8 | 40.000 | - | 39.125 | 7.200 |
| 588.9 | 40.000 | - | 39.125 | 7.300 |
| 590.1 | 40.000 | - | 39.125 | 7.400 |
| 591.2 | 40.000 | - | 39.125 | 7.500 |
| 592.3 | 40.000 | - | 39.125 | 7.600 |
| 593.4 | 40.000 | - | 39.125 | 7.600 |
| 594.6 | 40.000 | - | 39.125 | 7.800 |
| 595.7 | 40.000 | - | 39.125 | 7.800 |
| 596.8 | 40.000 | - | 39.125 | 7.900 |
| 597.9 | 40.000 | - | 39.125 | 7.900 |

|       |        |   |        |       |
|-------|--------|---|--------|-------|
| 599.1 | 40.000 | - | 39.125 | 8.000 |
| 600.2 | 40.000 | - | 39.125 | 8.100 |
| 601.3 | 40.000 | - | 39.125 | 8.200 |
| 602.5 | 40.000 | - | 39.125 | 8.200 |
| 603.6 | 40.000 | - | 39.125 | 8.200 |
| 604.7 | 40.000 | - | 39.125 | 8.200 |
| 605.8 | 40.000 | - | 39.125 | 8.200 |
| 606.9 | 40.000 | - | 39.125 | 8.200 |
| 608.1 | 40.000 | - | 39.125 | 8.100 |
| 609.2 | 40.062 | - | 39.125 | 8.100 |
| 610.3 | 40.062 | - | 39.125 | 8.100 |
| 611.4 | 40.062 | - | 39.125 | 8.100 |
| 612.6 | 40.062 | - | 39.125 | 8.100 |
| 613.7 | 40.062 | - | 39.125 | 8.100 |
| 614.8 | 40.062 | - | 39.125 | 8.000 |
| 615.9 | 40.062 | - | 39.125 | 8.000 |
| 617.1 | 40.000 | - | 39.125 | 8.000 |
| 618.2 | 40.000 | - | 39.125 | 8.000 |
| 619.3 | 40.000 | - | 39.125 | 8.000 |
| 620.4 | 40.000 | - | 39.125 | 7.900 |
| 621.6 | 40.000 | - | 39.125 | 7.900 |
| 622.7 | 40.000 | - | 39.125 | 7.900 |
| 623.8 | 40.000 | - | 39.125 | 7.900 |
| 624.9 | 40.000 | - | 39.125 | 7.900 |
| 626.1 | 40.000 | - | 39.125 | 7.900 |
| 627.2 | 40.000 | - | 39.125 | 7.900 |
| 628.3 | 40.000 | - | 39.125 | 7.900 |
| 629.4 | 40.000 | - | 39.125 | 7.900 |
| 630.6 | 40.000 | - | 39.125 | 7.900 |
| 631.7 | 39.938 | - | 39.125 | 7.900 |
| 632.8 | 39.938 | - | 39.125 | 7.900 |
| 633.9 | 39.938 | - | 39.125 | 7.900 |
| 635.1 | 39.938 | - | 39.125 | 7.800 |
| 636.2 | 39.938 | - | 39.125 | 7.900 |
| 637.3 | 39.938 | - | 39.125 | 7.800 |
| 638.4 | 39.938 | - | 39.125 | 7.800 |
| 639.6 | 39.938 | - | 39.125 | 7.800 |
| 640.7 | 39.938 | - | 39.125 | 7.800 |
| 641.8 | 39.938 | - | 39.125 | 7.800 |
| 642.9 | 39.938 | - | 39.125 | 7.800 |
| 644.0 | 39.938 | - | 39.125 | 7.800 |
| 645.1 | 39.938 | - | 39.125 | 7.700 |
| 646.2 | 39.938 | - | 39.125 | 7.700 |
| 647.4 | 39.938 | - | 39.125 | 7.700 |
| 648.5 | 39.938 | - | 39.125 | 7.700 |
| 649.6 | 39.938 | - | 39.125 | 7.700 |
| 650.7 | 39.938 | - | 39.125 | 7.700 |
| 651.8 | 39.938 | - | 39.125 | 7.700 |
| 652.9 | 39.938 | - | 39.125 | 7.700 |
| 654.0 | 39.938 | - | 39.125 | 7.700 |
| 655.1 | 39.938 | - | 39.125 | 7.700 |
| 656.2 | 40.000 | - | 39.125 | 7.600 |
| 657.3 | 40.000 | - | 39.125 | 7.600 |
| 658.5 | 40.000 | - | 39.125 | 7.600 |
| 659.6 | 40.000 | - | 39.125 | 7.600 |
| 660.7 | 40.000 | - | 39.125 | 7.600 |

|       |        |   |        |       |
|-------|--------|---|--------|-------|
| 661.8 | 40.000 | - | 39.125 | 7.600 |
| 662.9 | 40.000 | - | 39.125 | 7.600 |
| 664.0 | 40.000 | - | 39.125 | 7.600 |
| 665.2 | 40.000 | - | 39.125 | 7.600 |
| 666.3 | 40.000 | - | 39.062 | 7.600 |
| 667.4 | 40.000 | - | 39.125 | 7.600 |
| 668.5 | 40.000 | - | 39.062 | 7.600 |
| 669.7 | 40.000 | - | 39.062 | 7.600 |
| 670.8 | 40.000 | - | 39.062 | 7.600 |
| 671.9 | 40.000 | - | 39.062 | 7.500 |
| 673.0 | 40.000 | - | 39.062 | 7.500 |
| 674.1 | 40.000 | - | 39.062 | 7.500 |
| 675.3 | 40.000 | - | 39.062 | 7.500 |
| 676.4 | 40.000 | - | 39.062 | 7.500 |
| 677.5 | 40.000 | - | 39.062 | 7.500 |
| 678.6 | 40.000 | - | 39.062 | 7.500 |
| 679.8 | 40.000 | - | 39.062 | 7.500 |
| 680.9 | 40.000 | - | 39.062 | 7.500 |
| 682.0 | 40.000 | - | 39.062 | 7.500 |
| 683.1 | 40.000 | - | 39.062 | 7.500 |
| 684.2 | 40.000 | - | 39.062 | 7.500 |
| 685.3 | 40.000 | - | 39.062 | 7.500 |
| 686.4 | 40.000 | - | 39.062 | 7.400 |
| 687.6 | 40.000 | - | 39.062 | 7.400 |
| 688.7 | 39.938 | - | 39.062 | 7.400 |
| 689.8 | 39.938 | - | 39.062 | 7.400 |
| 690.9 | 39.938 | - | 39.062 | 7.400 |
| 692.0 | 39.938 | - | 39.062 | 7.400 |
| 693.1 | 39.938 | - | 39.062 | 7.400 |
| 694.3 | 39.938 | - | 39.062 | 7.400 |
| 695.4 | 39.938 | - | 39.062 | 7.400 |
| 696.5 | 39.938 | - | 39.062 | 7.400 |
| 697.6 | 39.938 | - | 39.062 | 7.400 |
| 698.7 | 39.938 | - | 39.062 | 7.400 |
| 699.9 | 39.875 | - | 39.062 | 7.400 |
| 701.0 | 39.875 | - | 39.062 | 7.400 |
| 702.1 | 39.875 | - | 39.062 | 7.400 |
| 703.2 | 39.875 | - | 39.062 | 7.400 |
| 704.3 | 39.875 | - | 39.062 | 7.400 |
| 705.4 | 39.875 | - | 39.062 | 7.400 |
| 706.6 | 39.875 | - | 39.062 | 7.400 |
| 707.7 | 39.875 | - | 39.062 | 7.400 |
| 708.8 | 39.875 | - | 39.062 | 7.300 |
| 709.9 | 39.875 | - | 39.062 | 7.300 |
| 711.0 | 39.875 | - | 39.062 | 7.300 |
| 712.1 | 39.875 | - | 39.062 | 7.300 |
| 713.3 | 39.875 | - | 39.062 | 7.300 |
| 714.4 | 39.938 | - | 39.062 | 7.300 |
| 715.5 | 39.938 | - | 39.062 | 7.300 |
| 716.6 | 39.938 | - | 39.062 | 7.200 |
| 717.8 | 39.938 | - | 39.062 | 7.200 |
| 718.9 | 39.938 | - | 39.062 | 7.200 |
| 720.0 | 39.938 | - | 39.062 | 7.200 |
| 721.1 | 39.938 | - | 39.062 | 7.200 |
| 722.2 | 39.938 | - | 39.062 | 7.200 |
| 723.3 | 39.938 | - | 39.062 | 7.200 |

|       |        |   |        |       |
|-------|--------|---|--------|-------|
| 724.4 | 39.938 | - | 39.062 | 7.200 |
| 725.6 | 39.938 | - | 39.062 | 7.200 |
| 726.7 | 39.938 | - | 39.062 | 7.200 |
| 727.8 | 39.938 | - | 39.062 | 7.200 |
| 728.9 | 39.938 | - | 39.062 | 7.200 |
| 730.0 | 39.938 | - | 39.062 | 7.200 |
| 731.2 | 39.938 | - | 39.062 | 7.200 |
| 732.3 | 40.000 | - | 39.062 | 7.200 |
| 733.4 | 40.000 | - | 39.062 | 7.200 |
| 734.5 | 40.000 | - | 39.062 | 7.200 |
| 735.7 | 40.000 | - | 39.062 | 7.200 |
| 736.8 | 40.000 | - | 39.062 | 7.200 |
| 737.9 | 40.000 | - | 39.062 | 7.200 |
| 739.0 | 40.000 | - | 39.062 | 7.200 |
| 740.2 | 40.000 | - | 39.062 | 7.200 |
| 741.3 | 40.000 | - | 39.062 | 7.200 |
| 742.4 | 40.000 | - | 39.062 | 7.200 |
| 743.5 | 40.000 | - | 39.062 | 7.100 |
| 744.7 | 40.000 | - | 39.062 | 7.100 |
| 745.8 | 40.000 | - | 39.062 | 7.100 |
| 746.9 | 40.000 | - | 39.062 | 7.200 |
| 748.0 | 40.000 | - | 39.062 | 7.100 |
| 749.2 | 40.000 | - | 39.062 | 7.100 |
| 750.3 | 40.000 | - | 39.062 | 7.100 |
| 751.4 | 40.000 | - | 39.062 | 7.100 |
| 752.5 | 40.000 | - | 39.062 | 7.100 |
| 753.7 | 40.000 | - | 39.062 | 7.100 |
| 754.8 | 40.000 | - | 39.062 | 7.100 |
| 755.9 | 40.000 | - | 39.062 | 7.100 |
| 757.0 | 40.000 | - | 39.062 | 7.100 |
| 758.2 | 40.000 | - | 39.062 | 7.100 |
| 759.3 | 40.000 | - | 39.062 | 7.100 |
| 760.4 | 40.000 | - | 39.062 | 7.100 |
| 761.5 | 40.000 | - | 39.062 | 7.100 |
| 762.7 | 39.938 | - | 39.062 | 7.100 |
| 763.8 | 39.938 | - | 39.062 | 7.100 |
| 764.9 | 39.938 | - | 39.062 | 7.100 |
| 766.0 | 39.938 | - | 39.062 | 7.100 |
| 767.2 | 39.938 | - | 39.125 | 7.100 |
| 768.3 | 39.938 | - | 39.125 | 7.100 |
| 769.4 | 39.938 | - | 39.125 | 7.100 |
| 770.5 | 39.938 | - | 39.125 | 7.100 |
| 771.7 | 39.938 | - | 39.125 | 7.100 |
| 772.8 | 39.938 | - | 39.125 | 7.100 |
| 773.9 | 39.938 | - | 39.125 | 7.100 |
| 775.0 | 39.938 | - | 39.125 | 7.100 |
| 776.1 | 39.938 | - | 39.125 | 7.000 |
| 777.3 | 39.938 | - | 39.125 | 7.000 |
| 778.4 | 39.938 | - | 39.125 | 7.100 |
| 779.5 | 39.938 | - | 39.125 | 7.100 |
| 780.6 | 39.938 | - | 39.062 | 7.100 |
| 781.8 | 39.938 | - | 39.062 | 7.200 |
| 782.9 | 39.938 | - | 39.062 | 7.300 |
| 784.0 | 39.938 | - | 39.062 | 7.400 |
| 785.1 | 39.938 | - | 39.062 | 7.500 |
| 786.3 | 39.938 | - | 39.062 | 7.600 |

|       |        |   |        |       |
|-------|--------|---|--------|-------|
| 787.4 | 39.938 | - | 39.062 | 7.600 |
| 788.5 | 39.938 | - | 39.062 | 7.700 |
| 789.6 | 39.938 | - | 39.062 | 7.800 |
| 790.8 | 39.938 | - | 39.062 | 7.900 |
| 791.9 | 39.938 | - | 39.062 | 8.000 |
| 793.0 | 39.938 | - | 39.062 | 8.100 |
| 794.1 | 39.938 | - | 39.062 | 8.100 |
| 795.3 | 40.000 | - | 39.062 | 8.100 |
| 796.4 | 40.000 | - | 39.062 | 8.100 |
| 797.5 | 40.000 | - | 39.062 | 8.100 |
| 798.7 | 40.000 | - | 39.062 | 8.100 |
| 799.8 | 40.000 | - | 39.062 | 8.100 |
| 800.9 | 40.000 | - | 39.062 | 8.100 |
| 802.0 | 40.000 | - | 39.062 | 8.100 |
| 803.2 | 40.000 | - | 39.062 | 8.100 |
| 804.3 | 40.000 | - | 39.062 | 8.100 |
| 805.4 | 40.000 | - | 39.062 | 8.000 |
| 806.5 | 40.000 | - | 39.062 | 8.000 |
| 807.7 | 40.000 | - | 39.062 | 8.000 |
| 808.8 | 40.062 | - | 39.062 | 8.000 |
| 809.9 | 40.062 | - | 39.062 | 8.000 |
| 811.0 | 40.062 | - | 39.062 | 7.900 |
| 812.2 | 40.062 | - | 39.062 | 7.900 |
| 813.3 | 40.062 | - | 39.062 | 7.900 |
| 814.4 | 40.062 | - | 39.062 | 7.900 |
| 815.5 | 40.062 | - | 39.062 | 7.900 |
| 816.7 | 40.062 | - | 39.062 | 7.900 |
| 817.8 | 40.062 | - | 39.062 | 7.900 |
| 818.9 | 40.062 | - | 39.062 | 7.900 |
| 820.0 | 40.000 | - | 39.062 | 7.900 |
| 821.2 | 40.000 | - | 39.062 | 7.900 |
| 822.3 | 40.000 | - | 39.062 | 7.900 |
| 823.4 | 40.000 | - | 39.062 | 7.800 |
| 824.5 | 40.000 | - | 39.062 | 7.800 |
| 825.7 | 40.000 | - | 39.062 | 7.800 |
| 826.8 | 40.000 | - | 39.062 | 7.800 |
| 827.9 | 40.000 | - | 39.062 | 7.800 |
| 829.0 | 40.000 | - | 39.062 | 7.800 |
| 830.2 | 40.000 | - | 39.062 | 7.800 |
| 831.3 | 40.000 | - | 39.062 | 7.800 |
| 832.4 | 40.000 | - | 39.062 | 7.700 |
| 833.5 | 39.938 | - | 39.062 | 7.700 |
| 834.6 | 39.938 | - | 39.062 | 7.700 |
| 835.8 | 39.938 | - | 39.062 | 7.700 |
| 836.9 | 39.938 | - | 39.062 | 7.700 |
| 838.0 | 39.938 | - | 39.062 | 7.600 |
| 839.1 | 39.938 | - | 39.062 | 7.600 |
| 840.3 | 39.938 | - | 39.062 | 7.600 |
| 841.4 | 39.938 | - | 39.062 | 7.600 |
| 842.5 | 39.938 | - | 39.062 | 7.600 |
| 843.6 | 39.938 | - | 39.125 | 7.600 |
| 844.8 | 39.938 | - | 39.125 | 7.600 |
| 845.9 | 39.938 | - | 39.062 | 7.600 |
| 847.0 | 39.938 | - | 39.125 | 7.600 |
| 848.1 | 39.938 | - | 39.062 | 7.600 |
| 849.3 | 39.938 | - | 39.125 | 7.600 |



|       |        |   |        |       |
|-------|--------|---|--------|-------|
| 850.4 | 39.938 | - | 39.125 | 7.600 |
| 851.5 | 39.938 | - | 39.125 | 7.600 |
| 852.6 | 39.938 | - | 39.125 | 7.600 |
| 853.8 | 39.938 | - | 39.125 | 7.600 |
| 854.9 | 39.938 | - | 39.125 | 7.500 |
| 856.0 | 39.938 | - | 39.125 | 7.500 |
| 857.1 | 39.938 | - | 39.125 | 7.500 |
| 858.3 | 39.938 | - | 39.125 | 7.500 |
| 859.4 | 39.938 | - | 39.125 | 7.500 |
| 860.5 | 39.938 | - | 39.125 | 7.500 |
| 861.6 | 39.938 | - | 39.125 | 7.500 |
| 862.8 | 39.938 | - | 39.125 | 7.500 |
| 863.9 | 39.938 | - | 39.125 | 7.400 |
| 865.0 | 39.938 | - | 39.125 | 7.400 |
| 866.2 | 39.938 | - | 39.125 | 7.400 |
| 867.3 | 39.938 | - | 39.062 | 7.400 |
| 868.4 | 40.000 | - | 39.125 | 7.400 |
| 869.6 | 40.000 | - | 39.125 | 7.400 |
| 870.7 | 40.000 | - | 39.125 | 7.400 |
| 871.8 | 40.000 | - | 39.062 | 7.400 |
| 872.9 | 40.000 | - | 39.062 | 7.400 |
| 874.1 | 40.000 | - | 39.062 | 7.400 |
| 875.2 | 40.000 | - | 39.062 | 7.400 |
| 876.3 | 40.000 | - | 39.062 | 7.300 |
| 877.4 | 40.000 | - | 39.062 | 7.400 |
| 878.6 | 40.000 | - | 39.062 | 7.400 |
| 879.7 | 40.000 | - | 39.062 | 7.400 |
| 880.8 | 40.000 | - | 39.062 | 7.400 |
| 881.9 | 40.000 | - | 39.062 | 7.300 |
| 883.1 | 40.000 | - | 39.062 | 7.300 |
| 884.2 | 40.000 | - | 39.062 | 7.300 |
| 885.3 | 40.000 | - | 39.062 | 7.300 |
| 886.4 | 40.000 | - | 39.062 | 7.300 |
| 887.6 | 40.000 | - | 39.062 | 7.300 |
| 888.7 | 40.000 | - | 39.062 | 7.300 |
| 889.8 | 40.000 | - | 39.062 | 7.300 |
| 890.9 | 40.000 | - | 39.062 | 7.300 |
| 892.1 | 40.000 | - | 39.062 | 7.200 |
| 893.2 | 40.000 | - | 39.062 | 7.200 |
| 894.3 | 40.000 | - | 39.062 | 7.200 |
| 895.4 | 40.000 | - | 39.062 | 7.200 |
| 896.6 | 40.000 | - | 39.062 | 7.200 |
| 897.7 | 39.938 | - | 39.062 | 7.200 |
| 898.8 | 39.938 | - | 39.062 | 7.200 |
| 899.9 | 39.938 | - | 39.062 | 7.200 |
| 901.1 | 39.938 | - | 39.062 | 7.200 |
| 902.2 | 39.938 | - | 39.062 | 7.200 |
| 903.3 | 39.938 | - | 39.062 | 7.200 |
| 904.4 | 39.938 | - | 39.062 | 7.200 |
| 905.6 | 39.938 | - | 39.062 | 7.100 |
| 906.7 | 39.938 | - | 39.062 | 7.200 |
| 907.8 | 39.938 | - | 39.062 | 7.200 |
| 908.9 | 39.938 | - | 39.062 | 7.200 |
| 910.1 | 39.938 | - | 39.062 | 7.100 |
| 911.2 | 39.938 | - | 39.062 | 7.100 |
| 912.3 | 39.938 | - | 39.062 | 7.200 |

|       |        |   |        |       |
|-------|--------|---|--------|-------|
| 913.4 | 39.938 | - | 39.062 | 7.100 |
| 914.6 | 39.938 | - | 39.062 | 7.100 |
| 915.7 | 39.938 | - | 39.062 | 7.100 |
| 916.8 | 39.938 | - | 39.062 | 7.100 |
| 917.9 | 39.938 | - | 39.125 | 7.100 |
| 919.0 | 39.938 | - | 39.125 | 7.100 |
| 920.2 | 39.938 | - | 39.125 | 7.100 |
| 921.3 | 39.938 | - | 39.062 | 7.100 |
| 922.4 | 39.938 | - | 39.062 | 7.100 |
| 923.5 | 39.938 | - | 39.062 | 7.100 |
| 924.7 | 39.938 | - | 39.062 | 7.100 |
| 925.8 | 39.938 | - | 39.062 | 7.100 |
| 926.9 | 39.938 | - | 39.062 | 7.100 |
| 928.0 | 39.938 | - | 39.062 | 7.100 |
| 929.1 | 39.938 | - | 39.062 | 7.100 |
| 930.3 | 39.938 | - | 39.062 | 7.100 |
| 931.4 | 40.000 | - | 39.062 | 7.000 |
| 932.5 | 40.000 | - | 39.062 | 7.000 |
| 933.6 | 40.000 | - | 39.062 | 7.100 |
| 934.8 | 40.000 | - | 39.062 | 7.100 |
| 935.9 | 40.000 | - | 39.062 | 7.100 |
| 937.0 | 40.000 | - | 39.062 | 7.200 |
| 938.1 | 40.000 | - | 39.062 | 7.200 |
| 939.3 | 40.000 | - | 39.062 | 7.400 |
| 940.4 | 40.000 | - | 39.062 | 7.400 |
| 941.5 | 40.000 | - | 39.062 | 7.500 |
| 942.6 | 40.000 | - | 39.062 | 7.600 |
| 943.7 | 40.000 | - | 39.062 | 7.700 |
| 944.9 | 40.000 | - | 39.062 | 7.800 |
| 946.0 | 40.062 | - | 39.062 | 7.800 |
| 947.1 | 40.062 | - | 39.062 | 7.900 |
| 948.2 | 40.062 | - | 39.062 | 8.000 |
| 949.4 | 40.062 | - | 39.062 | 8.100 |
| 950.5 | 40.062 | - | 39.000 | 8.100 |
| 951.6 | 40.062 | - | 39.000 | 8.100 |
| 952.7 | 40.062 | - | 39.000 | 8.100 |
| 953.8 | 40.062 | - | 39.000 | 8.100 |
| 954.9 | 40.062 | - | 39.000 | 8.100 |
| 956.0 | 40.062 | - | 39.000 | 8.100 |
| 957.1 | 40.062 | - | 39.000 | 8.100 |
| 958.2 | 40.000 | - | 39.000 | 8.100 |
| 959.4 | 40.000 | - | 39.000 | 8.100 |
| 960.5 | 40.000 | - | 39.062 | 8.100 |
| 961.6 | 40.000 | - | 39.062 | 8.100 |
| 962.7 | 40.000 | - | 39.062 | 8.100 |
| 963.9 | 40.000 | - | 39.062 | 8.100 |
| 965.0 | 40.000 | - | 39.062 | 8.100 |
| 966.1 | 40.000 | - | 39.062 | 8.000 |
| 967.2 | 40.000 | - | 39.062 | 8.000 |
| 968.4 | 40.000 | - | 39.062 | 8.000 |
| 969.5 | 40.000 | - | 39.062 | 8.000 |
| 970.6 | 40.000 | - | 39.062 | 7.900 |
| 971.7 | 39.938 | - | 39.062 | 7.900 |
| 972.9 | 39.938 | - | 39.062 | 7.900 |
| 974.0 | 39.938 | - | 39.062 | 7.900 |
| 975.1 | 39.938 | - | 39.062 | 7.900 |

|        |        |   |        |       |
|--------|--------|---|--------|-------|
| 976.2  | 39.938 | - | 39.062 | 7.900 |
| 977.4  | 39.938 | - | 39.062 | 7.800 |
| 978.5  | 39.938 | - | 39.062 | 7.800 |
| 979.6  | 39.938 | - | 39.062 | 7.800 |
| 980.7  | 39.875 | - | 39.062 | 7.800 |
| 981.9  | 39.875 | - | 39.062 | 7.800 |
| 983.0  | 39.875 | - | 39.062 | 7.800 |
| 984.1  | 39.875 | - | 39.062 | 7.800 |
| 985.2  | 39.875 | - | 39.000 | 7.800 |
| 986.3  | 39.875 | - | 39.000 | 7.700 |
| 987.5  | 39.875 | - | 39.000 | 7.700 |
| 988.6  | 39.875 | - | 39.000 | 7.700 |
| 989.7  | 39.875 | - | 39.000 | 7.700 |
| 990.8  | 39.875 | - | 39.000 | 7.700 |
| 991.9  | 39.875 | - | 39.000 | 7.700 |
| 993.1  | 39.938 | - | 39.000 | 7.600 |
| 994.2  | 39.938 | - | 39.000 | 7.600 |
| 995.3  | 39.938 | - | 39.000 | 7.600 |
| 996.4  | 39.938 | - | 39.000 | 7.600 |
| 997.5  | 39.938 | - | 39.000 | 7.600 |
| 998.6  | 39.938 | - | 39.000 | 7.600 |
| 999.8  | 39.938 | - | 39.000 | 7.600 |
| 1000.9 | 39.938 | - | 39.000 | 7.600 |
| 1002.0 | 39.938 | - | 39.000 | 7.600 |
| 1003.1 | 39.938 | - | 39.000 | 7.600 |
| 1004.3 | 39.938 | - | 39.000 | 7.600 |
| 1005.4 | 39.938 | - | 39.000 | 7.500 |
| 1006.5 | 39.938 | - | 39.000 | 7.500 |
| 1007.6 | 39.938 | - | 39.000 | 7.500 |
| 1008.8 | 39.938 | - | 39.000 | 7.500 |
| 1009.9 | 39.938 | - | 39.000 | 7.400 |
| 1011.0 | 39.938 | - | 39.000 | 7.400 |
| 1012.1 | 39.938 | - | 39.000 | 7.400 |
| 1013.3 | 39.938 | - | 39.000 | 7.400 |
| 1014.4 | 39.938 | - | 39.000 | 7.400 |
| 1015.5 | 39.938 | - | 39.000 | 7.400 |
| 1016.6 | 39.938 | - | 39.000 | 7.400 |
| 1017.8 | 39.938 | - | 39.000 | 7.400 |
| 1018.9 | 40.000 | - | 39.000 | 7.400 |
| 1020.0 | 40.000 | - | 39.000 | 7.400 |
| 1021.1 | 40.000 | - | 39.000 | 7.400 |
| 1022.3 | 40.000 | - | 39.000 | 7.400 |
| 1023.4 | 40.000 | - | 39.000 | 7.400 |
| 1024.5 | 40.000 | - | 39.000 | 7.400 |
| 1025.6 | 40.000 | - | 39.000 | 7.400 |
| 1026.8 | 40.000 | - | 39.000 | 7.300 |
| 1027.9 | 40.000 | - | 39.000 | 7.300 |
| 1029.0 | 40.000 | - | 39.000 | 7.300 |
| 1030.1 | 40.000 | - | 38.938 | 7.300 |
| 1031.3 | 40.000 | - | 38.938 | 7.300 |
| 1032.4 | 40.000 | - | 38.938 | 7.200 |
| 1033.5 | 40.000 | - | 38.938 | 7.200 |
| 1034.6 | 40.000 | - | 38.938 | 7.200 |
| 1035.8 | 40.000 | - | 38.938 | 7.200 |
| 1036.9 | 40.000 | - | 38.938 | 7.200 |
| 1038.0 | 40.000 | - | 38.938 | 7.200 |

|        |        |   |        |       |
|--------|--------|---|--------|-------|
| 1039.1 | 40.000 | - | 38.938 | 7.200 |
| 1040.3 | 40.000 | - | 38.938 | 7.200 |
| 1041.4 | 40.000 | - | 38.938 | 7.200 |
| 1042.5 | 40.000 | - | 38.938 | 7.200 |
| 1043.6 | 40.000 | - | 38.938 | 7.200 |
| 1044.8 | 40.000 | - | 38.938 | 7.200 |
| 1045.9 | 40.000 | - | 38.938 | 7.200 |
| 1047.0 | 40.000 | - | 38.938 | 7.200 |
| 1048.1 | 40.000 | - | 38.938 | 7.100 |
| 1049.3 | 40.000 | - | 39.000 | 7.200 |
| 1050.4 | 40.000 | - | 39.000 | 7.200 |
| 1051.5 | 40.000 | - | 39.000 | 7.100 |
| 1052.6 | 40.000 | - | 39.000 | 7.100 |
| 1053.8 | 40.000 | - | 39.000 | 7.100 |
| 1054.9 | 40.000 | - | 39.000 | 7.100 |
| 1056.0 | 40.000 | - | 39.000 | 7.100 |
| 1057.1 | 40.000 | - | 39.000 | 7.100 |
| 1058.3 | 40.000 | - | 39.000 | 7.100 |
| 1059.4 | 40.000 | - | 39.000 | 7.100 |
| 1060.5 | 40.000 | - | 39.000 | 7.100 |
| 1061.6 | 39.938 | - | 39.000 | 7.100 |
| 1062.8 | 39.938 | - | 39.000 | 7.100 |
| 1063.9 | 39.938 | - | 39.000 | 7.100 |
| 1065.0 | 39.938 | - | 39.000 | 7.000 |
| 1066.1 | 39.938 | - | 38.938 | 7.000 |
| 1067.3 | 39.938 | - | 38.938 | 7.100 |
| 1068.4 | 39.938 | - | 38.938 | 7.100 |
| 1069.5 | 39.938 | - | 38.938 | 7.100 |
| 1070.6 | 39.938 | - | 38.938 | 7.200 |
| 1071.8 | 39.938 | - | 38.938 | 7.300 |
| 1072.9 | 39.938 | - | 38.938 | 7.400 |
| 1074.0 | 39.938 | - | 38.938 | 7.400 |
| 1075.1 | 39.938 | - | 38.938 | 7.600 |
| 1076.3 | 39.938 | - | 38.938 | 7.600 |
| 1077.4 | 40.000 | - | 38.938 | 7.700 |
| 1078.5 | 40.000 | - | 38.938 | 7.800 |
| 1079.6 | 40.000 | - | 38.938 | 7.900 |
| 1080.8 | 40.000 | - | 38.938 | 7.900 |
| 1081.9 | 40.000 | - | 38.938 | 8.000 |
| 1083.0 | 40.000 | - | 38.938 | 8.100 |
| 1084.1 | 40.000 | - | 38.938 | 8.100 |
| 1085.3 | 40.000 | - | 38.938 | 8.100 |
| 1086.4 | 40.000 | - | 38.938 | 8.200 |
| 1087.5 | 40.000 | - | 38.938 | 8.100 |
| 1088.6 | 40.000 | - | 38.938 | 8.200 |
| 1089.8 | 40.000 | - | 38.938 | 8.100 |
| 1090.9 | 40.000 | - | 38.938 | 8.100 |
| 1092.0 | 40.000 | - | 38.938 | 8.100 |
| 1093.1 | 40.000 | - | 38.938 | 8.100 |
| 1094.3 | 40.000 | - | 38.938 | 8.100 |
| 1095.4 | 40.000 | - | 38.938 | 8.000 |
| 1096.5 | 40.000 | - | 38.938 | 8.000 |
| 1097.6 | 40.000 | - | 38.938 | 8.000 |
| 1098.8 | 40.000 | - | 38.938 | 8.000 |
| 1099.9 | 40.000 | - | 38.938 | 7.900 |
| 1101.0 | 40.000 | - | 38.938 | 7.900 |

|        |        |   |        |       |
|--------|--------|---|--------|-------|
| 1102.1 | 39.938 | - | 38.938 | 7.900 |
| 1103.3 | 39.938 | - | 38.938 | 7.900 |
| 1104.4 | 39.938 | - | 38.938 | 7.900 |
| 1105.5 | 39.938 | - | 38.938 | 7.900 |
| 1106.6 | 39.938 | - | 38.938 | 7.900 |
| 1107.8 | 39.938 | - | 38.938 | 7.900 |
| 1108.9 | 39.938 | - | 38.938 | 7.800 |
| 1110.0 | 39.938 | - | 38.938 | 7.800 |
| 1111.1 | 39.938 | - | 38.938 | 7.900 |
| 1112.3 | 39.938 | - | 38.938 | 7.800 |
| 1113.4 | 40.000 | - | 38.938 | 7.800 |
| 1114.5 | 40.000 | - | 38.938 | 7.800 |
| 1115.6 | 40.000 | - | 38.938 | 7.800 |
| 1116.8 | 40.000 | - | 38.938 | 7.800 |
| 1117.9 | 40.000 | - | 38.938 | 7.800 |
| 1119.0 | 40.000 | - | 38.938 | 7.800 |
| 1120.1 | 40.000 | - | 38.938 | 7.800 |
| 1121.2 | 40.000 | - | 38.938 | 7.700 |
| 1122.4 | 40.000 | - | 38.938 | 7.700 |
| 1123.5 | 40.000 | - | 38.938 | 7.700 |
| 1124.6 | 40.000 | - | 38.938 | 7.700 |
| 1125.7 | 40.000 | - | 38.938 | 7.600 |
| 1126.9 | 40.000 | - | 38.938 | 7.600 |
| 1128.0 | 40.000 | - | 38.938 | 7.600 |
| 1129.1 | 40.000 | - | 38.938 | 7.600 |
| 1130.3 | 40.000 | - | 38.938 | 7.600 |
| 1131.4 | 40.000 | - | 38.938 | 7.600 |
| 1132.5 | 40.000 | - | 38.938 | 7.600 |
| 1133.6 | 40.000 | - | 38.938 | 7.600 |
| 1134.8 | 40.000 | - | 38.938 | 7.500 |
| 1135.9 | 40.000 | - | 38.875 | 7.500 |
| 1137.0 | 40.000 | - | 38.938 | 7.600 |
| 1138.1 | 40.000 | - | 38.938 | 7.500 |
| 1139.2 | 40.000 | - | 38.938 | 7.500 |
| 1140.4 | 40.000 | - | 38.938 | 7.500 |
| 1141.5 | 40.000 | - | 38.938 | 7.500 |
| 1142.6 | 40.000 | - | 38.938 | 7.500 |
| 1143.7 | 40.000 | - | 38.938 | 7.500 |
| 1144.9 | 40.000 | - | 38.938 | 7.500 |
| 1146.0 | 40.000 | - | 38.875 | 7.500 |
| 1147.1 | 40.000 | - | 38.875 | 7.500 |
| 1148.2 | 40.000 | - | 38.938 | 7.500 |
| 1149.4 | 40.000 | - | 38.938 | 7.400 |
| 1150.5 | 40.000 | - | 38.938 | 7.400 |
| 1151.6 | 40.000 | - | 38.938 | 7.400 |
| 1152.7 | 40.000 | - | 38.938 | 7.400 |
| 1153.9 | 40.000 | - | 38.938 | 7.400 |
| 1155.0 | 39.938 | - | 38.938 | 7.400 |
| 1156.1 | 39.938 | - | 38.938 | 7.400 |
| 1157.2 | 39.938 | - | 38.938 | 7.400 |
| 1158.4 | 39.938 | - | 38.938 | 7.300 |
| 1159.5 | 39.938 | - | 38.938 | 7.400 |
| 1160.6 | 39.938 | - | 38.938 | 7.300 |
| 1161.7 | 39.938 | - | 38.938 | 7.300 |
| 1162.9 | 39.938 | - | 38.938 | 7.300 |
| 1164.0 | 39.938 | - | 38.938 | 7.300 |

|        |        |   |        |       |
|--------|--------|---|--------|-------|
| 1165.1 | 39.938 | - | 38.938 | 7.300 |
| 1166.2 | 39.938 | - | 38.938 | 7.200 |
| 1167.4 | 39.938 | - | 38.938 | 7.200 |
| 1168.5 | 39.938 | - | 38.938 | 7.200 |
| 1169.6 | 39.938 | - | 38.938 | 7.300 |
| 1170.7 | 39.938 | - | 38.938 | 7.300 |
| 1171.9 | 39.938 | - | 38.938 | 7.300 |
| 1173.0 | 39.938 | - | 38.938 | 7.200 |
| 1174.1 | 39.938 | - | 38.938 | 7.300 |
| 1175.2 | 39.938 | - | 38.938 | 7.200 |
| 1176.4 | 39.938 | - | 38.938 | 7.200 |
| 1177.5 | 39.938 | - | 38.938 | 7.200 |
| 1178.6 | 39.938 | - | 38.938 | 7.200 |
| 1179.7 | 39.938 | - | 38.938 | 7.200 |
| 1180.9 | 39.938 | - | 38.938 | 7.200 |
| 1182.0 | 39.938 | - | 38.938 | 7.200 |
| 1183.1 | 39.938 | - | 38.938 | 7.200 |
| 1184.2 | 39.938 | - | 38.938 | 7.200 |
| 1185.4 | 40.000 | - | 38.938 | 7.100 |
| 1186.5 | 40.000 | - | 38.938 | 7.100 |
| 1187.6 | 40.000 | - | 38.938 | 7.100 |
| 1188.7 | 40.000 | - | 38.938 | 7.100 |
| 1189.9 | 40.000 | - | 38.938 | 7.100 |
| 1191.0 | 40.000 | - | 38.938 | 7.100 |
| 1192.1 | 40.000 | - | 38.938 | 7.100 |
| 1193.2 | 40.000 | - | 38.938 | 7.100 |
| 1194.4 | 40.000 | - | 38.938 | 7.100 |
| 1195.5 | 40.000 | - | 38.938 | 7.100 |
| 1196.6 | 40.000 | - | 38.938 | 7.100 |
| 1197.7 | 40.000 | - | 38.938 | 7.100 |
| 1198.9 | 40.000 | - | 38.938 | 7.100 |
| 1200.0 | 40.000 | - | 38.938 | 7.100 |
| 1201.1 | 40.000 | - | 38.938 | 7.100 |
| 1202.2 | 40.000 | - | 38.938 | 7.100 |
| 1203.4 | 40.000 | - | 38.938 | 7.100 |
| 1204.5 | 40.000 | - | 38.938 | 7.100 |
| 1205.6 | 40.000 | - | 38.938 | 7.100 |
| 1206.7 | 40.000 | - | 38.938 | 7.100 |
| 1207.9 | 40.000 | - | 38.938 | 7.100 |
| 1209.0 | 40.000 | - | 38.938 | 7.100 |
| 1210.1 | 40.000 | - | 38.938 | 7.100 |
| 1211.2 | 40.000 | - | 38.938 | 7.100 |
| 1212.4 | 40.000 | - | 38.938 | 7.100 |
| 1213.5 | 40.000 | - | 38.938 | 7.100 |
| 1214.6 | 40.000 | - | 38.938 | 7.100 |
| 1215.7 | 40.000 | - | 38.938 | 7.100 |
| 1216.9 | 40.000 | - | 38.938 | 7.200 |
| 1218.0 | 40.000 | - | 38.938 | 7.300 |
| 1219.1 | 40.000 | - | 38.938 | 7.400 |
| 1220.2 | 40.000 | - | 38.938 | 7.400 |
| 1221.3 | 40.000 | - | 38.938 | 7.600 |
| 1222.5 | 40.000 | - | 38.938 | 7.600 |
| 1223.6 | 40.000 | - | 38.938 | 7.700 |
| 1224.7 | 39.938 | - | 38.938 | 7.800 |
| 1225.8 | 39.938 | - | 38.938 | 7.900 |
| 1226.9 | 39.938 | - | 38.938 | 7.900 |

|        |        |   |        |       |
|--------|--------|---|--------|-------|
| 1228.0 | 39.938 | - | 38.938 | 8.000 |
| 1229.2 | 39.938 | - | 38.938 | 8.100 |
| 1230.3 | 39.938 | - | 38.938 | 8.100 |
| 1231.4 | 39.938 | - | 38.938 | 8.200 |
| 1232.5 | 39.938 | - | 38.938 | 8.200 |
| 1233.6 | 39.938 | - | 38.938 | 8.200 |
| 1234.7 | 39.938 | - | 38.938 | 8.200 |
| 1235.9 | 39.938 | - | 38.938 | 8.100 |
| 1237.0 | 39.938 | - | 38.938 | 8.100 |
| 1238.1 | 39.938 | - | 38.938 | 8.100 |
| 1239.2 | 39.938 | - | 38.938 | 8.100 |
| 1240.4 | 39.938 | - | 38.938 | 8.100 |
| 1241.5 | 39.938 | - | 38.938 | 8.100 |
| 1242.6 | 39.938 | - | 38.938 | 8.100 |
| 1243.7 | 39.938 | - | 38.938 | 8.100 |
| 1244.9 | 39.938 | - | 38.938 | 8.000 |
| 1246.0 | 39.938 | - | 38.938 | 8.000 |
| 1247.1 | 39.938 | - | 38.938 | 8.000 |
| 1248.2 | 40.000 | - | 38.938 | 8.000 |
| 1249.4 | 40.000 | - | 38.938 | 7.900 |
| 1250.5 | 40.000 | - | 38.938 | 7.900 |
| 1251.6 | 40.000 | - | 38.938 | 7.900 |
| 1252.7 | 40.000 | - | 38.938 | 7.900 |
| 1253.9 | 40.000 | - | 38.938 | 7.900 |
| 1255.0 | 40.000 | - | 38.938 | 7.900 |
| 1256.1 | 40.000 | - | 38.938 | 7.900 |
| 1257.2 | 40.000 | - | 38.938 | 7.900 |
| 1258.3 | 40.000 | - | 38.938 | 7.900 |
| 1259.5 | 40.000 | - | 38.938 | 7.900 |
| 1260.6 | 40.000 | - | 38.938 | 7.900 |
| 1261.7 | 40.062 | - | 38.938 | 7.800 |
| 1262.8 | 40.062 | - | 38.938 | 7.800 |
| 1263.9 | 40.062 | - | 38.938 | 7.800 |
| 1265.0 | 40.062 | - | 38.938 | 7.800 |
| 1266.2 | 40.062 | - | 38.938 | 7.800 |
| 1267.3 | 40.062 | - | 38.938 | 7.800 |
| 1268.4 | 40.062 | - | 38.938 | 7.800 |
| 1269.5 | 40.062 | - | 38.938 | 7.800 |
| 1270.6 | 40.062 | - | 38.938 | 7.700 |
| 1271.8 | 40.062 | - | 38.938 | 7.700 |
| 1272.9 | 40.000 | - | 38.938 | 7.700 |
| 1274.0 | 40.000 | - | 38.938 | 7.700 |
| 1275.1 | 40.000 | - | 38.938 | 7.700 |
| 1276.2 | 40.000 | - | 38.938 | 7.600 |
| 1277.4 | 40.000 | - | 38.938 | 7.600 |
| 1278.5 | 40.000 | - | 38.938 | 7.600 |
| 1279.6 | 40.000 | - | 38.938 | 7.600 |
| 1280.7 | 40.000 | - | 38.938 | 7.600 |
| 1281.9 | 40.000 | - | 38.938 | 7.600 |
| 1283.0 | 39.938 | - | 38.938 | 7.600 |
| 1284.1 | 39.938 | - | 38.938 | 7.600 |
| 1285.2 | 39.938 | - | 39.000 | 7.600 |
| 1286.4 | 39.938 | - | 38.938 | 7.600 |
| 1287.5 | 39.938 | - | 39.000 | 7.600 |
| 1288.6 | 39.938 | - | 39.000 | 7.600 |
| 1289.7 | 39.938 | - | 39.000 | 7.600 |

|        |        |   |        |       |
|--------|--------|---|--------|-------|
| 1290.9 | 39.938 | - | 39.000 | 7.600 |
| 1292.0 | 39.938 | - | 39.000 | 7.600 |
| 1293.1 | 39.938 | - | 39.000 | 7.600 |
| 1294.2 | 39.938 | - | 38.938 | 7.600 |
| 1295.4 | 39.938 | - | 38.938 | 7.500 |
| 1296.5 | 39.938 | - | 39.000 | 7.600 |
| 1297.6 | 39.938 | - | 39.000 | 7.500 |
| 1298.7 | 39.938 | - | 39.000 | 7.500 |
| 1299.9 | 39.938 | - | 39.000 | 7.500 |
| 1301.0 | 39.938 | - | 38.938 | 7.500 |
| 1302.1 | 39.938 | - | 38.938 | 7.400 |
| 1303.2 | 39.938 | - | 38.938 | 7.400 |
| 1304.4 | 39.938 | - | 38.938 | 7.400 |
| 1305.5 | 39.938 | - | 38.938 | 7.400 |
| 1306.6 | 39.938 | - | 38.938 | 7.400 |
| 1307.7 | 39.938 | - | 38.938 | 7.400 |
| 1308.9 | 39.938 | - | 38.938 | 7.400 |
| 1310.0 | 39.938 | - | 38.938 | 7.400 |
| 1311.1 | 39.938 | - | 38.938 | 7.400 |
| 1312.2 | 39.938 | - | 38.938 | 7.400 |
| 1313.4 | 39.938 | - | 38.938 | 7.400 |
| 1314.5 | 39.938 | - | 38.938 | 7.400 |
| 1315.6 | 39.938 | - | 38.938 | 7.400 |
| 1316.7 | 39.938 | - | 38.938 | 7.400 |
| 1317.8 | 39.938 | - | 38.938 | 7.400 |
| 1319.0 | 39.938 | - | 38.938 | 7.400 |
| 1320.1 | 39.938 | - | 38.938 | 7.400 |
| 1321.2 | 40.000 | - | 38.938 | 7.400 |
| 1322.3 | 39.938 | - | 38.938 | 7.400 |
| 1323.5 | 40.000 | - | 38.938 | 7.300 |
| 1324.6 | 40.000 | - | 38.938 | 7.400 |
| 1325.7 | 40.000 | - | 38.938 | 7.300 |
| 1326.8 | 40.000 | - | 38.938 | 7.300 |
| 1328.0 | 40.000 | - | 39.000 | 7.300 |
| 1329.1 | 40.000 | - | 39.000 | 7.300 |
| 1330.2 | 40.000 | - | 39.000 | 7.300 |
| 1331.4 | 40.000 | - | 39.000 | 7.300 |
| 1332.5 | 40.000 | - | 39.000 | 7.200 |
| 1333.6 | 40.000 | - | 39.000 | 7.200 |
| 1334.7 | 40.000 | - | 39.000 | 7.200 |
| 1335.9 | 40.000 | - | 39.000 | 7.200 |
| 1337.0 | 40.000 | - | 39.000 | 7.200 |
| 1338.1 | 40.000 | - | 39.000 | 7.200 |
| 1339.2 | 40.000 | - | 39.000 | 7.200 |
| 1340.4 | 40.000 | - | 39.000 | 7.200 |
| 1341.5 | 40.000 | - | 39.000 | 7.200 |
| 1342.6 | 40.000 | - | 39.000 | 7.200 |
| 1343.7 | 40.000 | - | 39.000 | 7.200 |
| 1344.9 | 40.062 | - | 39.000 | 7.200 |
| 1346.0 | 40.062 | - | 39.000 | 7.200 |
| 1347.1 | 40.062 | - | 39.000 | 7.200 |
| 1348.2 | 40.000 | - | 39.000 | 7.200 |
| 1349.4 | 40.000 | - | 39.000 | 7.200 |
| 1350.5 | 40.000 | - | 39.000 | 7.200 |
| 1351.6 | 40.000 | - | 39.000 | 7.200 |
| 1352.7 | 40.000 | - | 39.000 | 7.200 |



|        |        |   |        |       |
|--------|--------|---|--------|-------|
| 1353.9 | 40.000 | - | 39.000 | 7.200 |
| 1355.0 | 40.000 | - | 39.000 | 7.200 |
| 1356.1 | 40.000 | - | 39.000 | 7.200 |
| 1357.2 | 40.000 | - | 39.000 | 7.200 |
| 1358.4 | 40.000 | - | 39.000 | 7.200 |
| 1359.5 | 40.000 | - | 39.000 | 7.200 |
| 1360.6 | 40.000 | - | 39.000 | 7.200 |
| 1361.7 | 39.938 | - | 39.000 | 7.100 |
| 1362.9 | 39.938 | - | 39.062 | 7.100 |
| 1364.0 | 39.938 | - | 39.000 | 7.100 |
| 1365.1 | 39.938 | - | 39.062 | 7.100 |
| 1366.2 | 39.938 | - | 39.062 | 7.100 |
| 1367.4 | 39.938 | - | 39.000 | 7.100 |
| 1368.5 | 39.938 | - | 39.062 | 7.100 |
| 1369.6 | 39.938 | - | 39.062 | 7.100 |
| 1370.7 | 39.938 | - | 39.062 | 7.100 |
| 1371.9 | 39.938 | - | 39.062 | 7.100 |
| 1373.0 | 39.938 | - | 39.062 | 7.100 |
| 1374.1 | 39.938 | - | 39.062 | 7.100 |
| 1375.2 | 39.938 | - | 39.062 | 7.100 |
| 1376.4 | 39.938 | - | 39.062 | 7.100 |
| 1377.5 | 39.938 | - | 39.062 | 7.100 |
| 1378.6 | 39.938 | - | 39.062 | 7.100 |
| 1379.7 | 39.938 | - | 39.062 | 7.100 |
| 1380.9 | 39.938 | - | 39.000 | 7.100 |
| 1382.0 | 39.938 | - | 39.000 | 7.100 |
| 1383.1 | 39.938 | - | 39.000 | 7.100 |
| 1384.2 | 39.938 | - | 39.000 | 7.100 |
| 1385.3 | 39.938 | - | 39.000 | 7.100 |
| 1386.5 | 40.000 | - | 39.000 | 7.100 |
| 1387.6 | 40.000 | - | 39.000 | 7.100 |
| 1388.7 | 40.000 | - | 39.000 | 7.100 |
| 1389.8 | 40.000 | - | 39.000 | 7.100 |
| 1391.0 | 40.000 | - | 39.000 | 7.000 |
| 1392.1 | 40.000 | - | 39.000 | 7.100 |
| 1393.2 | 40.000 | - | 39.000 | 7.100 |
| 1394.4 | 40.000 | - | 39.000 | 7.100 |
| 1395.5 | 40.000 | - | 39.000 | 7.100 |
| 1396.6 | 40.000 | - | 39.062 | 7.200 |
| 1397.7 | 40.000 | - | 39.062 | 7.300 |
| 1398.9 | 40.000 | - | 39.062 | 7.400 |
| 1400.0 | 40.000 | - | 39.062 | 7.500 |
| 1401.1 | 40.000 | - | 39.062 | 7.600 |
| 1402.2 | 40.000 | - | 39.062 | 7.600 |
| 1403.4 | 40.000 | - | 39.062 | 7.700 |
| 1404.5 | 40.000 | - | 39.062 | 7.800 |
| 1405.6 | 40.000 | - | 39.062 | 7.900 |
| 1406.7 | 40.000 | - | 39.062 | 7.900 |
| 1407.9 | 40.000 | - | 39.062 | 8.100 |
| 1409.0 | 40.000 | - | 39.062 | 8.100 |
| 1410.1 | 40.000 | - | 39.062 | 8.100 |
| 1411.2 | 40.000 | - | 39.062 | 8.200 |
| 1412.4 | 40.000 | - | 39.000 | 8.200 |
| 1413.5 | 40.000 | - | 39.000 | 8.200 |
| 1414.6 | 39.938 | - | 39.000 | 8.100 |
| 1415.7 | 39.938 | - | 39.000 | 8.100 |

|        |        |   |        |       |
|--------|--------|---|--------|-------|
| 1416.9 | 39.938 | - | 39.000 | 8.100 |
| 1418.0 | 39.938 | - | 39.000 | 8.100 |
| 1419.1 | 39.938 | - | 39.000 | 8.100 |
| 1420.2 | 39.938 | - | 39.000 | 8.100 |
| 1421.4 | 39.938 | - | 39.000 | 8.100 |
| 1422.5 | 39.938 | - | 39.000 | 8.100 |
| 1423.6 | 39.938 | - | 39.062 | 8.100 |
| 1424.7 | 39.938 | - | 39.000 | 8.000 |
| 1425.9 | 39.938 | - | 39.000 | 8.000 |
| 1427.0 | 39.938 | - | 39.062 | 7.900 |
| 1428.1 | 39.938 | - | 39.062 | 7.900 |
| 1429.2 | 39.938 | - | 39.062 | 7.900 |
| 1430.4 | 39.938 | - | 39.062 | 7.900 |
| 1431.5 | 39.938 | - | 39.062 | 7.900 |
| 1432.6 | 39.938 | - | 39.062 | 7.900 |
| 1433.7 | 39.938 | - | 39.062 | 7.900 |
| 1434.9 | 39.938 | - | 39.062 | 7.900 |
| 1436.0 | 39.938 | - | 39.062 | 7.900 |
| 1437.1 | 39.938 | - | 39.062 | 7.900 |
| 1438.2 | 39.938 | - | 39.062 | 7.900 |
| 1439.4 | 39.938 | - | 39.062 | 7.900 |
| 1440.5 | 39.938 | - | 39.062 | 7.800 |
| 1441.6 | 39.938 | - | 39.062 | 7.800 |
| 1442.7 | 39.938 | - | 39.062 | 7.800 |
| 1443.9 | 39.938 | - | 39.062 | 7.800 |
| 1445.0 | 39.938 | - | 39.062 | 7.800 |
| 1446.1 | 39.938 | - | 39.062 | 7.800 |
| 1447.2 | 39.938 | - | 39.062 | 7.800 |
| 1448.3 | 39.938 | - | 39.062 | 7.800 |
| 1449.5 | 40.000 | - | 39.062 | 7.800 |
| 1450.6 | 40.000 | - | 39.062 | 7.800 |
| 1451.7 | 40.000 | - | 39.062 | 7.700 |
| 1452.8 | 40.000 | - | 39.062 | 7.700 |
| 1454.0 | 40.000 | - | 39.062 | 7.700 |
| 1455.1 | 40.000 | - | 39.062 | 7.700 |
| 1456.2 | 40.000 | - | 39.062 | 7.700 |
| 1457.3 | 40.000 | - | 39.062 | 7.600 |
| 1458.5 | 40.000 | - | 39.062 | 7.600 |
| 1459.6 | 40.000 | - | 39.062 | 7.600 |
| 1460.7 | 40.000 | - | 39.062 | 7.600 |
| 1461.9 | 40.000 | - | 39.062 | 7.700 |
| 1463.0 | 40.000 | - | 39.062 | 7.600 |
| 1464.1 | 40.000 | - | 39.062 | 7.600 |
| 1465.2 | 40.000 | - | 39.062 | 7.600 |
| 1466.4 | 40.000 | - | 39.062 | 7.600 |
| 1467.5 | 40.062 | - | 39.062 | 7.600 |
| 1468.6 | 40.062 | - | 39.062 | 7.600 |
| 1469.7 | 40.062 | - | 39.062 | 7.600 |
| 1470.9 | 40.062 | - | 39.062 | 7.600 |
| 1472.0 | 40.062 | - | 39.062 | 7.600 |
| 1473.1 | 40.062 | - | 39.062 | 7.600 |
| 1474.2 | 40.062 | - | 39.062 | 7.600 |
| 1475.4 | 40.062 | - | 39.062 | 7.600 |
| 1476.5 | 40.062 | - | 39.062 | 7.500 |
| 1477.6 | 40.062 | - | 39.062 | 7.500 |
| 1478.7 | 40.000 | - | 39.062 | 7.500 |

|        |        |   |        |       |
|--------|--------|---|--------|-------|
| 1479.9 | 40.000 | - | 39.062 | 7.500 |
| 1481.0 | 40.062 | - | 39.062 | 7.400 |
| 1482.1 | 40.000 | - | 39.062 | 7.500 |
| 1483.2 | 40.000 | - | 39.062 | 7.400 |
| 1484.3 | 40.000 | - | 39.062 | 7.400 |
| 1485.5 | 40.000 | - | 39.062 | 7.400 |
| 1486.6 | 40.000 | - | 39.062 | 7.400 |
| 1487.7 | 40.000 | - | 39.062 | 7.400 |
| 1488.8 | 40.000 | - | 39.062 | 7.400 |
| 1489.9 | 40.000 | - | 39.062 | 7.400 |
| 1491.0 | 40.000 | - | 39.062 | 7.400 |
| 1492.2 | 40.000 | - | 39.062 | 7.400 |
| 1493.3 | 40.000 | - | 39.062 | 7.400 |
| 1494.4 | 40.000 | - | 39.062 | 7.400 |
| 1495.5 | 40.000 | - | 39.062 | 7.400 |
| 1496.6 | 40.000 | - | 39.062 | 7.400 |
| 1497.7 | 40.000 | - | 39.062 | 7.400 |
| 1498.9 | 39.938 | - | 39.062 | 7.400 |
| 1500.0 | 39.938 | - | 39.062 | 7.400 |
| 1501.1 | 39.938 | - | 39.062 | 7.400 |
| 1502.2 | 39.938 | - | 39.062 | 7.400 |
| 1503.4 | 39.938 | - | 39.062 | 7.300 |
| 1504.5 | 39.938 | - | 39.062 | 7.300 |
| 1505.6 | 39.938 | - | 39.062 | 7.300 |
| 1506.7 | 39.938 | - | 39.062 | 7.300 |
| 1507.9 | 39.938 | - | 39.062 | 7.300 |
| 1509.0 | 39.938 | - | 39.062 | 7.300 |
| 1510.1 | 39.938 | - | 39.062 | 7.300 |
| 1511.2 | 39.938 | - | 39.062 | 7.200 |
| 1512.4 | 39.938 | - | 39.062 | 7.200 |
| 1513.5 | 39.938 | - | 39.062 | 7.200 |
| 1514.6 | 39.938 | - | 39.062 | 7.200 |
| 1515.7 | 39.938 | - | 39.062 | 7.200 |
| 1516.8 | 39.938 | - | 39.062 | 7.200 |
| 1518.0 | 39.938 | - | 39.062 | 7.200 |
| 1519.1 | 39.938 | - | 39.062 | 7.200 |
| 1520.2 | 39.938 | - | 39.062 | 7.200 |
| 1521.3 | 39.938 | - | 39.062 | 7.200 |
| 1522.5 | 39.938 | - | 39.062 | 7.200 |
| 1523.6 | 39.938 | - | 39.062 | 7.200 |
| 1524.7 | 39.938 | - | 39.062 | 7.200 |
| 1525.8 | 39.938 | - | 39.062 | 7.200 |
| 1527.0 | 39.938 | - | 39.062 | 7.200 |
| 1528.1 | 40.000 | - | 39.062 | 7.200 |
| 1529.2 | 40.000 | - | 39.062 | 7.200 |
| 1530.3 | 40.000 | - | 39.062 | 7.200 |
| 1531.4 | 40.000 | - | 39.062 | 7.200 |
| 1532.5 | 40.000 | - | 39.062 | 7.200 |
| 1533.6 | 40.000 | - | 39.062 | 7.200 |
| 1534.8 | 40.000 | - | 39.062 | 7.200 |
| 1535.9 | 40.000 | - | 39.000 | 7.100 |
| 1537.0 | 40.000 | - | 39.000 | 7.100 |
| 1538.1 | 40.000 | - | 39.000 | 7.100 |
| 1539.2 | 40.000 | - | 39.000 | 7.100 |
| 1540.3 | 40.000 | - | 39.000 | 7.100 |
| 1541.4 | 40.000 | - | 39.000 | 7.100 |

|        |        |   |        |       |
|--------|--------|---|--------|-------|
| 1542.6 | 40.000 | - | 39.000 | 7.100 |
| 1543.7 | 40.000 | - | 39.000 | 7.100 |
| 1544.8 | 40.000 | - | 39.000 | 7.100 |
| 1545.9 | 40.000 | - | 39.000 | 7.100 |
| 1547.0 | 40.000 | - | 39.062 | 7.100 |
| 1548.2 | 40.000 | - | 39.062 | 7.100 |
| 1549.3 | 40.000 | - | 39.062 | 7.100 |
| 1550.4 | 40.000 | - | 39.062 | 7.100 |
| 1551.5 | 40.062 | - | 39.062 | 7.100 |
| 1552.7 | 40.062 | - | 39.062 | 7.100 |
| 1553.8 | 40.062 | - | 39.062 | 7.100 |
| 1554.9 | 40.062 | - | 39.062 | 7.100 |
| 1556.0 | 40.062 | - | 39.062 | 7.100 |
| 1557.1 | 40.000 | - | 39.062 | 7.100 |
| 1558.3 | 40.000 | - | 39.000 | 7.100 |
| 1559.4 | 40.000 | - | 39.000 | 7.000 |
| 1560.5 | 40.000 | - | 39.000 | 7.100 |
| 1561.6 | 40.000 | - | 39.000 | 7.100 |
| 1562.7 | 40.000 | - | 39.000 | 7.100 |
| 1563.9 | 40.000 | - | 39.000 | 7.200 |
| 1565.0 | 40.000 | - | 39.000 | 7.200 |
| 1566.1 | 40.000 | - | 39.000 | 7.300 |
| 1567.2 | 40.000 | - | 39.000 | 7.400 |
| 1568.4 | 39.938 | - | 39.000 | 7.500 |
| 1569.5 | 39.938 | - | 39.000 | 7.600 |
| 1570.6 | 39.938 | - | 39.000 | 7.700 |
| 1571.7 | 39.938 | - | 39.000 | 7.700 |
| 1572.9 | 39.938 | - | 39.000 | 7.800 |
| 1574.0 | 39.938 | - | 39.000 | 7.900 |
| 1575.1 | 39.938 | - | 39.000 | 7.900 |
| 1576.2 | 39.938 | - | 39.000 | 8.100 |
| 1577.3 | 39.938 | - | 39.000 | 8.100 |
| 1578.5 | 39.938 | - | 39.000 | 8.100 |
| 1579.6 | 39.938 | - | 39.000 | 8.200 |
| 1580.7 | 39.938 | - | 39.000 | 8.100 |
| 1581.8 | 39.938 | - | 39.000 | 8.200 |
| 1583.0 | 39.938 | - | 39.000 | 8.100 |
| 1584.1 | 39.938 | - | 39.000 | 8.100 |
| 1585.2 | 39.938 | - | 39.000 | 8.100 |
| 1586.3 | 39.938 | - | 39.000 | 8.100 |
| 1587.5 | 39.938 | - | 39.000 | 8.100 |
| 1588.6 | 39.938 | - | 39.000 | 8.100 |
| 1589.7 | 39.938 | - | 39.000 | 8.100 |
| 1590.8 | 39.938 | - | 39.000 | 8.000 |
| 1592.0 | 39.938 | - | 39.000 | 8.000 |
| 1593.1 | 39.938 | - | 39.000 | 8.000 |
| 1594.2 | 40.000 | - | 39.000 | 8.000 |
| 1595.4 | 39.938 | - | 39.000 | 7.900 |
| 1596.5 | 40.000 | - | 39.000 | 7.900 |
| 1597.6 | 40.000 | - | 39.000 | 7.900 |
| 1598.7 | 40.000 | - | 39.000 | 7.900 |
| 1599.9 | 40.000 | - | 39.000 | 7.900 |
| 1601.0 | 40.000 | - | 39.000 | 7.900 |
| 1602.1 | 40.000 | - | 39.000 | 7.900 |
| 1603.2 | 40.000 | - | 39.000 | 7.900 |
| 1604.3 | 40.000 | - | 39.000 | 7.900 |

|        |        |   |        |       |
|--------|--------|---|--------|-------|
| 1605.5 | 40.000 | - | 39.000 | 7.900 |
| 1606.6 | 40.000 | - | 39.000 | 7.900 |
| 1607.7 | 40.000 | - | 39.000 | 7.800 |
| 1608.8 | 40.000 | - | 39.000 | 7.800 |
| 1610.0 | 40.000 | - | 39.000 | 7.800 |
| 1611.1 | 40.000 | - | 39.000 | 7.800 |
| 1612.2 | 40.000 | - | 39.000 | 7.800 |
| 1613.3 | 40.000 | - | 39.000 | 7.800 |
| 1614.5 | 40.000 | - | 39.000 | 7.800 |
| 1615.6 | 40.000 | - | 39.000 | 7.700 |
| 1616.7 | 40.000 | - | 39.000 | 7.700 |
| 1617.8 | 40.000 | - | 39.000 | 7.700 |
| 1619.0 | 40.000 | - | 39.000 | 7.700 |
| 1620.1 | 40.000 | - | 39.000 | 7.700 |
| 1621.2 | 40.000 | - | 39.000 | 7.700 |
| 1622.3 | 40.000 | - | 39.000 | 7.600 |
| 1623.4 | 40.000 | - | 39.000 | 7.600 |
| 1624.6 | 40.000 | - | 39.000 | 7.600 |
| 1625.7 | 40.000 | - | 39.000 | 7.600 |
| 1626.8 | 40.000 | - | 39.000 | 7.600 |
| 1627.9 | 40.000 | - | 39.000 | 7.600 |
| 1629.1 | 40.000 | - | 39.000 | 7.600 |
| 1630.2 | 40.000 | - | 39.062 | 7.600 |
| 1631.3 | 40.000 | - | 39.062 | 7.600 |
| 1632.4 | 40.000 | - | 39.062 | 7.600 |
| 1633.6 | 39.938 | - | 39.062 | 7.600 |
| 1634.7 | 39.938 | - | 39.062 | 7.600 |
| 1635.8 | 39.938 | - | 39.062 | 7.600 |
| 1636.9 | 39.938 | - | 39.062 | 7.600 |
| 1638.1 | 39.938 | - | 39.062 | 7.500 |
| 1639.2 | 39.938 | - | 39.000 | 7.500 |
| 1640.3 | 39.938 | - | 39.000 | 7.600 |
| 1641.4 | 39.938 | - | 39.000 | 7.500 |
| 1642.6 | 39.875 | - | 39.000 | 7.500 |
| 1643.7 | 39.875 | - | 39.000 | 7.500 |
| 1644.8 | 39.875 | - | 39.000 | 7.500 |
| 1645.9 | 39.875 | - | 39.000 | 7.400 |
| 1647.1 | 39.875 | - | 39.000 | 7.400 |
| 1648.2 | 39.875 | - | 39.000 | 7.400 |
| 1649.3 | 39.875 | - | 39.000 | 7.400 |
| 1650.4 | 39.875 | - | 39.000 | 7.400 |
| 1651.6 | 39.875 | - | 39.000 | 7.400 |
| 1652.7 | 39.875 | - | 39.000 | 7.400 |
| 1653.8 | 39.875 | - | 39.000 | 7.400 |
| 1654.9 | 39.875 | - | 39.000 | 7.400 |
| 1656.1 | 39.875 | - | 39.000 | 7.400 |
| 1657.2 | 39.875 | - | 39.000 | 7.400 |
| 1658.3 | 39.938 | - | 39.000 | 7.400 |
| 1659.5 | 39.938 | - | 39.000 | 7.300 |
| 1660.6 | 39.938 | - | 39.000 | 7.400 |
| 1661.7 | 39.938 | - | 39.000 | 7.400 |
| 1662.8 | 39.938 | - | 39.000 | 7.400 |
| 1664.0 | 39.938 | - | 39.000 | 7.300 |
| 1665.1 | 39.938 | - | 39.000 | 7.300 |
| 1666.2 | 39.938 | - | 39.000 | 7.300 |
| 1667.3 | 39.938 | - | 38.938 | 7.300 |

|        |        |   |        |       |
|--------|--------|---|--------|-------|
| 1668.5 | 39.938 | - | 38.938 | 7.300 |
| 1669.6 | 39.938 | - | 38.938 | 7.300 |
| 1670.7 | 39.938 | - | 38.938 | 7.300 |
| 1671.8 | 39.938 | - | 38.938 | 7.300 |
| 1673.0 | 39.938 | - | 38.938 | 7.200 |
| 1674.1 | 39.938 | - | 38.938 | 7.200 |
| 1675.2 | 39.938 | - | 38.938 | 7.200 |
| 1676.3 | 39.938 | - | 38.938 | 7.200 |
| 1677.5 | 39.938 | - | 38.938 | 7.200 |
| 1678.6 | 40.000 | - | 38.938 | 7.200 |
| 1679.7 | 40.000 | - | 38.938 | 7.200 |

# Photometer Stray Light Test

6/22/2021 5:27 PM

Software v2.6.0s

CPU Serial Number 01E84E531400007A

Instrument SN

20016904

Front Photometer

White Light 5g/L: 0 %T < 0.04 %T - Passed

|                  | Minimum | Maximum | Difference | Average | SD  |
|------------------|---------|---------|------------|---------|-----|
| Sample channel   | 23689   | 23796   | 107        | 23739   | 23  |
| Sample channel 0 | 23717   | 23717   | 0          | 23717   | 0   |
| Ref. channel     | 5792913 | 5797253 | 4340       | 5794316 | 951 |
| Ref. channel 0   | 23717   | 23717   | 0          | 23717   | 0   |

Visible Light 50g/L: 0 %T < 0.04 %T - Passed

|                  | Minimum | Maximum | Difference | Average | SD   |
|------------------|---------|---------|------------|---------|------|
| Sample channel   | 23681   | 23757   | 76         | 23727   | 20   |
| Sample channel 0 | 23717   | 23717   | 0          | 23717   | 0    |
| Ref. channel     | 5791929 | 5795756 | 3827       | 5792973 | 1035 |
| Ref. channel 0   | 23717   | 23717   | 0          | 23717   | 0    |

Front readings White Light

|       |       |         |       |
|-------|-------|---------|-------|
| 23767 | 23717 | 5770576 | 23717 |
| 23715 | 23717 | 5770748 | 23717 |
| 23796 | 23717 | 5770699 | 23717 |
| 23745 | 23717 | 5770082 | 23717 |
| 23750 | 23717 | 5773536 | 23717 |
| 23755 | 23717 | 5770145 | 23717 |
| 23776 | 23717 | 5769840 | 23717 |
| 23741 | 23717 | 5770246 | 23717 |
| 23725 | 23717 | 5770144 | 23717 |
| 23784 | 23717 | 5770345 | 23717 |
| 23748 | 23717 | 5773086 | 23717 |
| 23751 | 23717 | 5770253 | 23717 |
| 23729 | 23717 | 5770318 | 23717 |
| 23735 | 23717 | 5771293 | 23717 |
| 23741 | 23717 | 5771164 | 23717 |
| 23736 | 23717 | 5770976 | 23717 |
| 23689 | 23717 | 5770454 | 23717 |
| 23750 | 23717 | 5769993 | 23717 |
| 23740 | 23717 | 5770553 | 23717 |
| 23724 | 23717 | 5771050 | 23717 |
| 23703 | 23717 | 5770169 | 23717 |
| 23734 | 23717 | 5769621 | 23717 |
| 23735 | 23717 | 5770738 | 23717 |
| 23728 | 23717 | 5771951 | 23717 |
| 23698 | 23717 | 5769737 | 23717 |
| 23748 | 23717 | 5770305 | 23717 |
| 23747 | 23717 | 5771409 | 23717 |

Unrestricted

|       |       |         |       |
|-------|-------|---------|-------|
| 23717 | 23717 | 5769686 | 23717 |
| 23730 | 23717 | 5769196 | 23717 |
| 23744 | 23717 | 5769645 | 23717 |



Front readings Visible Light

|       |       |         |       |
|-------|-------|---------|-------|
| 23724 | 23717 | 5769519 | 23717 |
| 23700 | 23717 | 5770455 | 23717 |
| 23693 | 23717 | 5768363 | 23717 |
| 23757 | 23717 | 5769526 | 23717 |
| 23737 | 23717 | 5772039 | 23717 |
| 23741 | 23717 | 5768640 | 23717 |
| 23681 | 23717 | 5768212 | 23717 |
| 23756 | 23717 | 5768322 | 23717 |
| 23741 | 23717 | 5768770 | 23717 |
| 23752 | 23717 | 5771547 | 23717 |
| 23729 | 23717 | 5768272 | 23717 |
| 23703 | 23717 | 5768825 | 23717 |
| 23733 | 23717 | 5768666 | 23717 |
| 23736 | 23717 | 5770463 | 23717 |
| 23719 | 23717 | 5769127 | 23717 |
| 23727 | 23717 | 5769253 | 23717 |
| 23731 | 23717 | 5768464 | 23717 |
| 23736 | 23717 | 5768869 | 23717 |
| 23698 | 23717 | 5770224 | 23717 |
| 23748 | 23717 | 5768287 | 23717 |
| 23732 | 23717 | 5770944 | 23717 |
| 23729 | 23717 | 5768785 | 23717 |
| 23713 | 23717 | 5768336 | 23717 |
| 23757 | 23717 | 5768542 | 23717 |
| 23731 | 23717 | 5770083 | 23717 |
| 23730 | 23717 | 5768976 | 23717 |
| 23698 | 23717 | 5768301 | 23717 |
| 23736 | 23717 | 5769603 | 23717 |
| 23723 | 23717 | 5768348 | 23717 |
| 23714 | 23717 | 5769912 | 23717 |

Parameters

Filter: 1

Number of measurements: 30

Time interval between readings (ms): 0

Volume (ul): 300

Extra volume (ul): 0

Water absorbance. Front: 0.061546

Sample channel 0. Front: 23717

Ref. channel 0. Front: 446930

# Photometer Noise Test

5/11/2021 5:30 PM

Software v2.6.0s

CPU Serial Number 01E84E531400007A

Instrument SN

20016904

Front Photometer

Noise : 0.00027 abs < 0.001 abs - Passed

Estimated derive: 0.00032 abs/min < 0.002 abs/min - Passed

|                              | Minimum   | Maximum   | Difference | Average   | SD      |
|------------------------------|-----------|-----------|------------|-----------|---------|
| CV                           |           |           |            |           |         |
| Sample counts<br>0.107       | 1,297,379 | 1,302,285 | 4,906      | 1,299,691 | 1,396   |
| Reference counts<br>0.142    | 5,750,991 | 5,779,446 | 28,455     | 5,764,362 | 8,168   |
| Sample absorbance<br>0.04185 | 1.02711   | 1.02921   | 0.0021     | 1.02808   | 0.00043 |

Front readings

|           |           |         |
|-----------|-----------|---------|
| 1,302,285 | 5,777,807 | 1.02830 |
| 1,302,085 | 5,779,159 | 1.02859 |
| 1,301,797 | 5,778,535 | 1.02867 |
| 1,302,254 | 5,777,114 | 1.02823 |
| 1,301,962 | 5,779,446 | 1.02869 |
| 1,302,230 | 5,777,146 | 1.02825 |
| 1,301,901 | 5,776,725 | 1.02838 |
| 1,301,746 | 5,777,323 | 1.02855 |
| 1,301,766 | 5,774,965 | 1.02824 |
| 1,301,764 | 5,775,452 | 1.02830 |
| 1,301,430 | 5,776,687 | 1.02865 |
| 1,301,348 | 5,773,644 | 1.02831 |
| 1,301,334 | 5,776,983 | 1.02874 |
| 1,301,366 | 5,774,242 | 1.02837 |
| 1,301,185 | 5,775,842 | 1.02868 |
| 1,301,040 | 5,773,622 | 1.02848 |
| 1,300,970 | 5,773,300 | 1.02848 |
| 1,301,005 | 5,775,774 | 1.02877 |
| 1,301,002 | 5,772,082 | 1.02831 |
| 1,301,518 | 5,772,224 | 1.02803 |
| 1,300,929 | 5,775,156 | 1.02874 |
| 1,301,055 | 5,771,986 | 1.02827 |
| 1,301,064 | 5,772,108 | 1.02828 |
| 1,300,696 | 5,773,290 | 1.02863 |
| 1,301,113 | 5,771,230 | 1.02814 |
| 1,300,860 | 5,772,285 | 1.02842 |
| 1,300,864 | 5,772,129 | 1.02839 |
| 1,300,510 | 5,768,980 | 1.02820 |
| 1,300,598 | 5,772,465 | 1.02859 |
| 1,301,410 | 5,772,217 | 1.02810 |
| 1,301,067 | 5,767,479 | 1.02769 |

Unrestricted

|           |           |         |
|-----------|-----------|---------|
| 1,300,489 | 5,769,092 | 1.02822 |
| 1,300,552 | 5,767,683 | 1.02801 |
| 1,301,313 | 5,769,256 | 1.02778 |
| 1,300,292 | 5,769,562 | 1.02839 |

|           |           |         |
|-----------|-----------|---------|
| 1,300,516 | 5,768,577 | 1.02814 |
| 1,300,133 | 5,765,604 | 1.02799 |
| 1,300,302 | 5,767,489 | 1.02813 |
| 1,300,144 | 5,768,753 | 1.02838 |
| 1,300,099 | 5,767,456 | 1.02824 |
| 1,299,715 | 5,764,531 | 1.02809 |
| 1,300,479 | 5,766,867 | 1.02795 |
| 1,299,755 | 5,766,433 | 1.02830 |
| 1,299,900 | 5,763,681 | 1.02788 |
| 1,299,993 | 5,763,882 | 1.02785 |
| 1,299,384 | 5,768,697 | 1.02880 |
| 1,299,195 | 5,762,741 | 1.02816 |
| 1,299,571 | 5,763,420 | 1.02803 |
| 1,300,384 | 5,763,056 | 1.02752 |
| 1,298,909 | 5,760,390 | 1.02802 |
| 1,298,979 | 5,761,445 | 1.02812 |
| 1,299,346 | 5,760,512 | 1.02779 |
| 1,299,198 | 5,760,153 | 1.02783 |
| 1,299,407 | 5,764,400 | 1.02825 |
| 1,299,057 | 5,762,289 | 1.02818 |
| 1,298,939 | 5,764,434 | 1.02852 |
| 1,299,248 | 5,762,294 | 1.02807 |
| 1,298,578 | 5,758,757 | 1.02800 |
| 1,299,222 | 5,758,012 | 1.02754 |
| 1,298,739 | 5,761,731 | 1.02829 |
| 1,298,676 | 5,761,826 | 1.02834 |
| 1,299,218 | 5,760,614 | 1.02788 |
| 1,299,791 | 5,757,449 | 1.02715 |
| 1,299,282 | 5,759,620 | 1.02771 |
| 1,299,178 | 5,760,138 | 1.02784 |
| 1,299,474 | 5,756,010 | 1.02715 |
| 1,298,441 | 5,760,530 | 1.02831 |
| 1,298,097 | 5,757,985 | 1.02818 |
| 1,298,919 | 5,756,597 | 1.02754 |
| 1,299,230 | 5,757,272 | 1.02745 |
| 1,299,068 | 5,754,435 | 1.02718 |
| 1,298,151 | 5,762,674 | 1.02874 |
| 1,299,319 | 5,756,185 | 1.02726 |
| 1,298,298 | 5,755,086 | 1.02770 |
| 1,298,487 | 5,757,278 | 1.02787 |
| 1,298,137 | 5,757,714 | 1.02812 |
| 1,297,815 | 5,757,088 | 1.02823 |
| 1,298,772 | 5,754,476 | 1.02735 |
| 1,297,861 | 5,760,684 | 1.02865 |
| 1,298,279 | 5,754,321 | 1.02761 |
| 1,299,295 | 5,754,934 | 1.02711 |
| 1,297,887 | 5,765,238 | 1.02921 |
| 1,297,777 | 5,757,324 | 1.02828 |
| 1,298,681 | 5,754,771 | 1.02744 |
| 1,297,545 | 5,756,086 | 1.02825 |
| 1,298,061 | 5,756,453 | 1.02801 |
| 1,297,783 | 5,756,054 | 1.02811 |

Unrestricted

|           |           |         |
|-----------|-----------|---------|
| 1,299,505 | 5,755,975 | 1.02713 |
| 1,298,221 | 5,756,385 | 1.02791 |
| 1,297,763 | 5,754,960 | 1.02799 |
| 1,298,085 | 5,754,685 | 1.02777 |

|           |           |         |
|-----------|-----------|---------|
| 1,297,986 | 5,754,901 | 1.02785 |
| 1,297,885 | 5,750,991 | 1.02742 |
| 1,297,600 | 5,752,173 | 1.02773 |
| 1,297,433 | 5,751,121 | 1.02769 |
| 1,297,681 | 5,752,987 | 1.02779 |
| 1,298,383 | 5,753,216 | 1.02742 |
| 1,297,379 | 5,753,494 | 1.02802 |
| 1,298,260 | 5,754,362 | 1.02763 |
| 1,297,434 | 5,753,560 | 1.02800 |

Parameters

Filter: 1

Number of measurements: 100

Time interval between readings (sec): 1

Water absorbance. Front: 0.061546

Sample channel 0. Front: 23717

Ref. channel 0. Front: 446930

# Tip Pump Test

5/11/2021 5:15 PM

Software v2.6.0s

CPU Serial Number 01E84E531400007A

Instrument SN

20016904

Front tip pump

Volume: 1700 ul >= 1400 ul - Passed

# Level Detection Test

5/11/2021 4:26 PM

Software v2.6.0s

CPU Serial Number 01E84E531400007A

Instrument SN

20016904

Front

In reaction cuvette - Passed

Real Detected

|     |     |
|-----|-----|
| 50  | 0   |
| 50  | 0   |
| 50  | 0   |
| 75  | 0   |
| 75  | 0   |
| 75  | 0   |
| 100 | 0   |
| 100 | 0   |
| 100 | 0   |
| 125 | 0   |
| 125 | 0   |
| 125 | 0   |
| 150 | 142 |
| 150 | 145 |
| 150 | 142 |
| 200 | 193 |
| 200 | 193 |
| 200 | 196 |
| 250 | 239 |
| 250 | 243 |
| 250 | 243 |
| 300 | 295 |
| 300 | 295 |
| 300 | 295 |

In reagent bottle - Passed

Volume Steps

|     |     |
|-----|-----|
| 400 | 795 |
| 400 | 795 |
| 400 | 795 |
| 400 | 795 |
| 400 | 795 |
| 400 | 795 |
| 400 | 795 |
| 400 | 795 |
| 400 | 795 |
| 400 | 795 |
| 400 | 795 |
| 400 | 795 |
| 400 | 796 |
| 400 | 796 |
| 400 | 796 |
| 400 | 796 |

Unrestricted



|     |     |
|-----|-----|
| 400 | 796 |
| 400 | 796 |
| 400 | 796 |
| 400 | 795 |



# Washer Hydraulics Test

5/11/2021 5:03 PM

Software v2.6.0s

CPU Serial Number 01E84E531400007A

Instrument SN

20016904

Front washer

Pumping level check

D1: 460 ul. 300 ul <= L <= 500 ul - Passed  
D2: 413 ul. 300 ul <= L <= 500 ul - Passed  
D3: 683 ul. 500 ul <= L <= 700 ul - Passed  
D4: 661 ul. 500 ul <= L <= 700 ul - Passed  
D5: 670 ul. 500 ul <= L <= 700 ul - Passed  
D6: 656 ul. 500 ul <= L <= 700 ul - Passed

Aspiration level check

D1: 0 ul < 60 ul - Passed  
D2: 9 ul < 60 ul - Passed  
D3: 0 ul < 60 ul - Passed  
D4: 0 ul < 60 ul - Passed  
D5: 3 ul < 60 ul - Passed  
D6: 3 ul < 60 ul - Passed  
D7: 3 ul < 60 ul - Passed

Pumping level stability

D1: 1.1854 % < 9 % - Passed  
D2: 0.7523 % < 9 % - Passed  
D3: 1.3581 % < 6 % - Passed  
D4: 2.5206 % < 6 % - Passed  
D5: 0.5362 % < 6 % - Passed  
D6: 1.2314 % < 6 % - Passed

|    | Minimum | Maximum | Difference | Average | SD | CV    |
|----|---------|---------|------------|---------|----|-------|
| D1 | 413     | 425     | 12         | 419     | 5  | 1.185 |
| D2 | 413     | 421     | 8          | 417     | 3  | 0.752 |
| D3 | 674     | 696     | 22         | 685     | 9  | 1.358 |
| D4 | 648     | 688     | 40         | 664     | 17 | 2.521 |
| D5 | 674     | 683     | 9          | 679     | 4  | 0.536 |
| D6 | 643     | 661     | 18         | 652     | 8  | 1.231 |

Parameters

Front washer

Pump steps: 1500

Washer steps: 400

Time down: 1000

# Washing Test

5/11/2021 5:14 PM

Software v2.6.0s

CPU Serial Number 01E84E531400007A

Instrument SN

20016904

Front washer

3 - 1: 0.0033 abs. < 0.02 abs. - Passed

|       | Minimum | Maximum | Average |
|-------|---------|---------|---------|
| 1     | 0.0616  | 0.0688  | 0.0662  |
| 2     | 0.0524  | 0.0795  | 0.0663  |
| 3     | 0.0613  | 0.0689  | 0.0660  |
| 2 - 1 | 0.0000  | 0.0148  | 0.0010  |
| 3 - 1 | 0.0000  | 0.0033  | 0.0003  |

Front washer

|        |        |        |         |
|--------|--------|--------|---------|
| 0.0641 | 0.0645 | 0.0635 | -0.0006 |
| 0.0656 | 0.0660 | 0.0623 | -0.0033 |
| 0.0673 | 0.0689 | 0.0672 | -0.0001 |
| 0.0656 | 0.0656 | 0.0653 | -0.0002 |
| 0.0616 | 0.0624 | 0.0613 | -0.0004 |
| 0.0660 | 0.0664 | 0.0666 | 0.0006  |
| 0.0645 | 0.0650 | 0.0645 | 0.0000  |
| 0.0656 | 0.0660 | 0.0659 | 0.0003  |
| 0.0657 | 0.0651 | 0.0658 | 0.0001  |
| 0.0647 | 0.0657 | 0.0648 | 0.0001  |
| 0.0675 | 0.0685 | 0.0675 | -0.0001 |
| 0.0664 | 0.0669 | 0.0660 | -0.0004 |
| 0.0674 | 0.0679 | 0.0675 | 0.0001  |
| 0.0683 | 0.0681 | 0.0689 | 0.0005  |
| 0.0664 | 0.0669 | 0.0665 | 0.0001  |
| 0.0656 | 0.0658 | 0.0653 | -0.0003 |
| 0.0648 | 0.0634 | 0.0633 | -0.0015 |
| 0.0662 | 0.0524 | 0.0660 | -0.0002 |
| 0.0662 | 0.0665 | 0.0659 | -0.0003 |
| 0.0653 | 0.0649 | 0.0648 | -0.0006 |
| 0.0654 | 0.0658 | 0.0652 | -0.0001 |
| 0.0644 | 0.0646 | 0.0647 | 0.0003  |
| 0.0651 | 0.0651 | 0.0648 | -0.0004 |
| 0.0655 | 0.0658 | 0.0655 | 0.0000  |
| 0.0646 | 0.0649 | 0.0647 | 0.0001  |
| 0.0647 | 0.0795 | 0.0645 | -0.0002 |
| 0.0650 | 0.0657 | 0.0649 | -0.0001 |
| 0.0646 | 0.0634 | 0.0644 | -0.0002 |
| 0.0672 | 0.0672 | 0.0669 | -0.0003 |
| 0.0635 | 0.0631 | 0.0633 | -0.0002 |
| 0.0665 | 0.0664 | 0.0662 | -0.0003 |
| 0.0657 | 0.0646 | 0.0655 | -0.0002 |
| 0.0671 | 0.0668 | 0.0670 | -0.0001 |
| 0.0672 | 0.0670 | 0.0671 | -0.0001 |
| 0.0658 | 0.0648 | 0.0657 | -0.0001 |

Unrestricted

|        |        |        |         |
|--------|--------|--------|---------|
| 0.0668 | 0.0672 | 0.0667 | -0.0001 |
| 0.0658 | 0.0654 | 0.0657 | -0.0002 |
| 0.0668 | 0.0672 | 0.0667 | -0.0001 |
| 0.0688 | 0.0700 | 0.0686 | -0.0002 |

|        |        |        |         |
|--------|--------|--------|---------|
| 0.0652 | 0.0657 | 0.0651 | -0.0001 |
| 0.0685 | 0.0686 | 0.0683 | -0.0002 |
| 0.0663 | 0.0656 | 0.0661 | -0.0002 |
| 0.0677 | 0.0683 | 0.0675 | -0.0002 |
| 0.0683 | 0.0681 | 0.0680 | -0.0003 |
| 0.0668 | 0.0681 | 0.0664 | -0.0004 |
| 0.0662 | 0.0677 | 0.0661 | -0.0001 |
| 0.0655 | 0.0673 | 0.0654 | -0.0002 |
| 0.0666 | 0.0661 | 0.0661 | -0.0004 |
| 0.0664 | 0.0676 | 0.0663 | -0.0001 |
| 0.0636 | 0.0645 | 0.0636 | 0.0000  |
| 0.0667 | 0.0665 | 0.0666 | -0.0001 |
| 0.0661 | 0.0668 | 0.0659 | -0.0002 |
| 0.0674 | 0.0659 | 0.0674 | 0.0001  |
| 0.0683 | 0.0688 | 0.0682 | 0.0000  |
| 0.0659 | 0.0671 | 0.0660 | 0.0001  |
| 0.0668 | 0.0664 | 0.0670 | 0.0002  |
| 0.0659 | 0.0654 | 0.0656 | -0.0003 |
| 0.0671 | 0.0660 | 0.0667 | -0.0004 |
| 0.0669 | 0.0665 | 0.0672 | 0.0003  |
| 0.0655 | 0.0653 | 0.0656 | 0.0001  |
| 0.0676 | 0.0675 | 0.0675 | -0.0001 |
| 0.0663 | 0.0666 | 0.0664 | 0.0001  |
| 0.0677 | 0.0683 | 0.0678 | 0.0001  |
| 0.0671 | 0.0676 | 0.0672 | 0.0001  |
| 0.0640 | 0.0647 | 0.0641 | 0.0001  |
| 0.0680 | 0.0675 | 0.0670 | -0.0010 |
| 0.0661 | 0.0655 | 0.0651 | -0.0011 |
| 0.0671 | 0.0674 | 0.0661 | -0.0011 |
| 0.0688 | 0.0680 | 0.0677 | -0.0011 |
| 0.0671 | 0.0667 | 0.0660 | -0.0010 |

Parameters

Filter: 1

Drying time (sec): 180

Number of cuvettes: 70

# Clot Detector Test

5/11/2021 4:47 PM

Software v2.6.0s

CPU Serial Number 01E84E531400007A

Instrument SN

20016904

Noise

Front

Noise: 53 < 500 - Passed

Average: 7844

Minimum: 7806

Maximum: 7859

Clot detector check

Front

Pressure ratio > 0.3 < 2 - Passed. Average: 1.147

Calibration

Front

3 ul

Detection window < 32000 - Passed. Average: 21995

Jump > 3000 - Passed. Average: 4778

Jump CV: 1.1 < 3 % - Passed

4 ul

Detection window < 32000 - Passed. Average: 21974

Jump > 3000 - Passed. Average: 4762

Jump CV: 1.02 < 3 % - Passed

5 ul

Detection window < 32000 - Passed. Average: 21891

Jump > 3000 - Passed. Average: 4751

Jump CV: 1.1 < 3 % - Passed

Dilution

Front

Pressure ratio > 0.3 < 2 - Passed. Average: 1.254

Clot detection - Passed. Average: 0.717

Clot detector check

Pressure ratio = (Peak - Base) / (Peak - Valley)

Front

| Pressure | Base | Peak  | Valley | Plateau | Press. |
|----------|------|-------|--------|---------|--------|
| AVG      | 7628 | 12388 | 8239   | 10022   | 1.15   |
| CV (%)   | 1.14 | 1.02  | 1.33   | 1.16    | 0.83   |

|   |      |       |      |      |      |
|---|------|-------|------|------|------|
| 1 | 7548 | 12284 | 8099 | 9898 | 1.13 |
|---|------|-------|------|------|------|

|   |      |       |      |       |      |
|---|------|-------|------|-------|------|
| 2 | 7572 | 12358 | 8168 | 10010 | 1.14 |
|---|------|-------|------|-------|------|

|   |      |       |      |       |      |
|---|------|-------|------|-------|------|
| 3 | 7767 | 12552 | 8406 | 10201 | 1.15 |
|---|------|-------|------|-------|------|

|   |      |       |      |       |      |
|---|------|-------|------|-------|------|
| 4 | 7712 | 12523 | 8310 | 10105 | 1.14 |
|---|------|-------|------|-------|------|

|   |      |       |      |      |      |
|---|------|-------|------|------|------|
| 5 | 7554 | 12223 | 8147 | 9914 | 1.15 |
|---|------|-------|------|------|------|

Unrestricted

|   |      |       |      |       |      |
|---|------|-------|------|-------|------|
| 6 | 7601 | 12388 | 8231 | 9996  | 1.15 |
| 7 | 7678 | 12486 | 8338 | 10103 | 1.16 |
| 8 | 7521 | 12185 | 8096 | 9834  | 1.14 |
| 9 | 7734 | 12488 | 8348 | 10137 | 1.15 |



10 7592 12396 8250 10021 1.16

### Calibration

Max = Maximum(Peak,Valley,Plateau)

Jump = Max - Base

Detection window = 3 \* Jump + Base

#### Front

3 ul

| Pressure | Base | Peak  | Valley | Plateau | Max   | Jump | Detection |
|----------|------|-------|--------|---------|-------|------|-----------|
| AVG      | 7660 | 12438 | 7919   | 8697    | 12438 | 4778 | 21995     |
| CV (%)   | 0.93 | 0.89  | 11.42  | 1.12    | 0.89  | 1.1  | 0.95      |

|    |      |       |      |      |       |      |       |
|----|------|-------|------|------|-------|------|-------|
| 1  | 7676 | 12503 | 8166 | 8699 | 12503 | 4827 | 22157 |
| 2  | 7747 | 12500 | 8231 | 8740 | 12500 | 4753 | 22006 |
| 3  | 7751 | 12570 | 8319 | 8791 | 12570 | 4819 | 22208 |
| 4  | 7605 | 12387 | 8081 | 8577 | 12387 | 4782 | 21951 |
| 5  | 7727 | 12551 | 8351 | 8822 | 12551 | 4824 | 22199 |
| 6  | 7526 | 12187 | 8024 | 8507 | 12187 | 4661 | 21509 |
| 7  | 7626 | 12417 | 8207 | 8686 | 12417 | 4791 | 21999 |
| 8  | 7685 | 12431 | 5360 | 8729 | 12431 | 4746 | 21923 |
| 9  | 7641 | 12469 | 8264 | 8767 | 12469 | 4828 | 22125 |
| 10 | 7618 | 12369 | 8189 | 8654 | 12369 | 4751 | 21871 |

4 ul

| Pressure | Base | Peak  | Valley | Plateau | Max   | Jump | Detection |
|----------|------|-------|--------|---------|-------|------|-----------|
| AVG      | 7687 | 12450 | 8263   | 9867    | 12450 | 4762 | 21974     |
| CV (%)   | 0.99 | 0.79  | 1.04   | 0.92    | 0.79  | 1.02 | 0.81      |

|    |      |       |      |      |       |      |       |
|----|------|-------|------|------|-------|------|-------|
| 1  | 7700 | 12522 | 8231 | 9860 | 12522 | 4822 | 22166 |
| 2  | 7681 | 12499 | 8245 | 9807 | 12499 | 4818 | 22135 |
| 3  | 7520 | 12213 | 8059 | 9733 | 12213 | 4693 | 21599 |
| 4  | 7734 | 12488 | 8307 | 9896 | 12488 | 4754 | 21996 |
| 5  | 7752 | 12503 | 8344 | 9966 | 12503 | 4751 | 22005 |
| 6  | 7740 | 12561 | 8348 | 9993 | 12561 | 4821 | 22203 |
| 7  | 7746 | 12472 | 8332 | 9942 | 12472 | 4726 | 21924 |
| 8  | 7642 | 12377 | 8220 | 9774 | 12377 | 4735 | 21847 |
| 9  | 7746 | 12453 | 8299 | 9925 | 12453 | 4707 | 21867 |
| 10 | 7612 | 12408 | 8249 | 9772 | 12408 | 4796 | 22000 |

5 ul

| Pressure | Base | Peak  | Valley | Plateau | Max   | Jump | Detection |
|----------|------|-------|--------|---------|-------|------|-----------|
| AVG      | 7639 | 12390 | 8209   | 10034   | 12390 | 4751 | 21891     |
| CV (%)   | 1.09 | 0.72  | 1.07   | 0.99    | 0.72  | 1.1  | 0.74      |

|   |      |       |      |       |       |      |       |
|---|------|-------|------|-------|-------|------|-------|
| 1 | 7563 | 12353 | 8128 | 9960  | 12353 | 4790 | 21933 |
| 2 | 7541 | 12349 | 8141 | 9966  | 12349 | 4808 | 21965 |
| 3 | 7675 | 12491 | 8242 | 10077 | 12491 | 4816 | 22123 |
| 4 | 7758 | 12510 | 8349 | 10207 | 12510 | 4752 | 22014 |
| 5 | 7610 | 12376 | 8160 | 9964  | 12376 | 4766 | 21908 |
| 6 | 7660 | 12420 | 8281 | 10100 | 12420 | 4760 | 21940 |
| 7 | 7658 | 12398 | 8168 | 10009 | 12398 | 4740 | 21878 |

Unrestricted

|    |      |       |      |       |       |      |       |
|----|------|-------|------|-------|-------|------|-------|
| 8  | 7523 | 12189 | 8079 | 9876  | 12189 | 4666 | 21521 |
| 9  | 7634 | 12382 | 8228 | 10034 | 12382 | 4748 | 21878 |
| 10 | 7767 | 12429 | 8311 | 10143 | 12429 | 4662 | 21753 |

Dilution

Max = Maximum(Peak,Valley,Plateau)

Jump = Max - Base

Pressure ratio = (Peak - Base) / (Peak - Valley)

Clot ratio = Jump\_Sample / Jump\_Calibration

Front

Calibration. Base 7526 Max 12167 Jump 4641

Clot detected: Clot ratio > 2

| Pressure | Base | Peak  | Valley | Plateau | Max   | Jump | Press. | Clot |
|----------|------|-------|--------|---------|-------|------|--------|------|
| AVG      | 7653 | 10982 | 8316   | 9379    | 10982 | 3329 | 1.25   | 0.72 |
| CV (%)   | 1.58 | 1.92  | 1.39   | 1.66    | 1.92  | 4.2  | 5.6    | 4.26 |
| 1        | 7676 | 10865 | 8431   | 9344    | 10865 | 3189 | 1.31   | 0.69 |
| 2        | 7460 | 10476 | 8354   | 9074    | 10476 | 3016 | 1.42   | 0.65 |
| 3        | 7809 | 11120 | 8426   | 9495    | 11120 | 3311 | 1.23   | 0.71 |
| 4        | 7745 | 11083 | 8313   | 9534    | 11083 | 3338 | 1.21   | 0.72 |
| 5        | 7648 | 10964 | 8423   | 9435    | 10964 | 3316 | 1.3    | 0.71 |
| 6        | 7527 | 10925 | 8111   | 9239    | 10925 | 3398 | 1.21   | 0.73 |
| 7        | 7490 | 10916 | 8123   | 9210    | 10916 | 3426 | 1.23   | 0.74 |
| 8        | 7691 | 11195 | 8310   | 9480    | 11195 | 3504 | 1.21   | 0.76 |
| 9        | 7762 | 11109 | 8308   | 9469    | 11109 | 3347 | 1.19   | 0.72 |
| 10       | 7720 | 11162 | 8365   | 9506    | 11162 | 3442 | 1.23   | 0.74 |

Parameters

Sample volume (ul): 10

Reagent volume (ul): 200

## QC Done

06-08-2021 14:13

| Date        | Control Id | Lot Number    | Test     | Low limit | Result | High Limit | Units | Out |
|-------------|------------|---------------|----------|-----------|--------|------------|-------|-----|
| 11-05 06:21 | BIORAD L2  | 26472 2023-02 | BUN APK  | 43.9      | 47.2   | 51.3       | mg/dL |     |
| 11-05 06:22 | BIORAD L2  | 26472 2023-02 | QALB     | 2.20      | 2.77   | 3.10       | g/dL  |     |
| 11-05 06:23 | BIORAD L2  | 26472 2023-02 | GOT APK  | 177.0     | 195.9  | 221.0      | U/L   |     |
| 11-05 06:23 | BIORAD L2  | 26472 2023-02 | GPT APK  | 88.2      | 88.1   | 117.0      | U/L   | X   |
| 11-05 06:24 | BIORAD L2  | 26472 2023-02 | Ca       | 11.2      | 12.2   | 12.6       | mg/dL |     |
| 11-05 06:24 | BIORAD L2  | 26472 2023-02 | CHOL APK | 95        | 105    | 114        | mg/dL |     |
| 11-05 06:24 | BIORAD L2  | 26472 2023-02 | QCRE     | 5.24      | 5.01   | 5.92       | mg/dL | X   |
| 11-05 06:25 | BIORAD L2  | 26472 2023-02 | PHOS APK | 6.29      | 6.66   | 8.10       | mg/dL |     |
| 11-05 06:25 | BIORAD L2  | 26472 2023-02 | UrA APK  | 8.94      | 11.43  | 10.00      | mg/dL | X   |
| 11-05 06:27 | BIORAD L2  | 26472 2023-02 | ALPA APK | 340.0     | 416.9  | 600.0      | U/L   |     |
| 11-05 06:29 | BIORAD L2  | 26472 2023-02 | GLU APK  | 248.0     | 266.2  | 308.0      | mg/dL |     |
| 11-05 06:30 | BIORAD L2  | 26472 2023-02 | HDL APK  | 25.8      | 25.5   | 35.0       | mg/dL | X   |
| 11-05 06:30 | BIORAD L2  | 26472 2023-02 | TRIG APK | 84.0      | 103.1  | 116.8      | mg/dL |     |
| 11-05 06:31 | BIORAD L2  | 26472 2023-02 | BILI D   | 0.78      | 1.05   | 1.48       | mg/dL |     |
| 11-05 06:31 | BIORAD L2  | 26472 2023-02 | BILI T   | 3.58      | 5.00   | 5.09       | mg/dL |     |
| 11-05 06:31 | BIORAD L2  | 26472 2023-02 | QTP      | 3.60      | 4.32   | 5.30       | g/dL  |     |
| 11-05 06:43 | BIORAD L2  | 26472 2023-02 | QCRE     | 5.24      | 5.19   | 5.92       | mg/dL | X   |
| 11-05 06:45 | BIORAD L2  | 26472 2023-02 | UrA APK  | 8.94      | 11.43  | 10.00      | mg/dL | X   |
| 11-05 12:57 | BIORAD L2  | 26472 2023-02 | QCRE     | 5.24      | 4.95   | 5.92       | mg/dL | X   |
| 11-05 12:58 | BIORAD L2  | 26472 2023-02 | GPT APK  | 88.2      | 91.4   | 117.0      | U/L   |     |
| 11-05 12:59 | BIORAD L2  | 26472 2023-02 | UrA APK  | 8.94      | 11.59  | 10.00      | mg/dL | X   |
| 11-05 13:04 | BIORAD L2  | 26472 2023-02 | HDL APK  | 25.8      | 25.8   | 35.0       | mg/dL | X   |
| 11-05 16:13 | BIORAD L1  | 26470 2023-02 | BUN APK  | 12.8      | 17.8   | 17.5       | mg/dL | X   |
| 11-05 16:14 | BIORAD L1  | 26470 2023-02 | QALB     | 3.20      | 3.91   | 4.90       | g/dL  |     |
| 11-05 16:15 | BIORAD L1  | 26470 2023-02 | GOT APK  | 33.0      | 41.7   | 49.4       | U/L   |     |
| 11-05 16:16 | BIORAD L1  | 26470 2023-02 | GPT APK  | 26.3      | 28.7   | 39.1       | U/L   |     |
| 11-05 16:16 | BIORAD L1  | 26470 2023-02 | QCRE     | 2.13      | 2.19   | 2.56       | mg/dL |     |
| 11-05 16:16 | BIORAD L1  | 26470 2023-02 | Ca       | 9.1       | 9.1    | 9.7        | mg/dL | X   |
| 11-05 16:16 | BIORAD L1  | 26470 2023-02 | CHOL APK | 242       | 265    | 290        | mg/dL |     |
| 11-05 16:17 | BIORAD L1  | 26470 2023-02 | PHOS APK | 3.34      | 3.43   | 4.60       | mg/dL |     |
| 11-05 16:17 | BIORAD L1  | 26470 2023-02 | UrA APK  | 4.09      | 5.09   | 5.48       | mg/dL |     |
| 11-05 16:20 | BIORAD L1  | 26470 2023-02 | ALPA APK | 80.0      | 97.2   | 160.0      | U/L   |     |
| 11-05 16:21 | BIORAD L1  | 26470 2023-02 | GLU APK  | 77.0      | 80.0   | 94.5       | mg/dL |     |
| 11-05 16:22 | BIORAD L1  | 26470 2023-02 | HDL APK  | 87.6      | 81.5   | 110.0      | mg/dL | X   |
| 11-05 16:22 | BIORAD L1  | 26470 2023-02 | TRIG APK | 170.6     | 193.3  | 201.8      | mg/dL |     |
| 11-05 16:23 | BIORAD L1  | 26470 2023-02 | BILI D   | 0.12      | 0.28   | 0.52       | mg/dL |     |
| 11-05 16:23 | BIORAD L1  | 26470 2023-02 | QTP      | 6.20      | 6.29   | 8.40       | g/dL  |     |
| 11-05 16:37 | BIORAD L1  | 26470 2023-02 | BUN APK  | 12.8      | 14.7   | 17.5       | mg/dL |     |
| 11-05 16:38 | BIORAD L1  | 26470 2023-02 | Ca       | 9.1       | 8.7    | 9.7        | mg/dL | X   |

**QC Done**

06-08-2021 14:25

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| Date        | Control Id | Lot Number    | Test    | Low limit | Result | High Limit | Units | Out |
|-------------|------------|---------------|---------|-----------|--------|------------|-------|-----|
| 11-05 17:28 | BIORAD L1  | 26470 2023-02 | HDL APK | 87.6      | 89.5   | 110.0      | mg/dL |     |
| 11-05 17:30 | BIORAD L1  | 26470 2023-02 | Ca      | 9.1       | 9.3    | 9.7        | mg/dL |     |

| Date        | Control Id | Lot Number    | Test     | Low limit | Result | High Limit | Units | Out |
|-------------|------------|---------------|----------|-----------|--------|------------|-------|-----|
| 11-05 16:13 | BIORAD L1  | 26470 2023-02 | BUN APK  | 12.8      | 17.8   | 17.5       | mg/dL | X   |
| 11-05 16:14 | BIORAD L1  | 26470 2023-02 | QALB     | 3.20      | 3.91   | 4.90       | g/dL  |     |
| 11-05 16:15 | BIORAD L1  | 26470 2023-02 | GOT APK  | 33.0      | 41.7   | 49.4       | U/L   |     |
| 11-05 16:16 | BIORAD L1  | 26470 2023-02 | GPT APK  | 26.3      | 28.7   | 39.1       | U/L   |     |
| 11-05 16:16 | BIORAD L1  | 26470 2023-02 | QCRE     | 2.13      | 2.19   | 2.56       | mg/dL |     |
| 11-05 16:16 | BIORAD L1  | 26470 2023-02 | Ca       | 9.1       | 9.1    | 9.7        | mg/dL | X   |
| 11-05 16:16 | BIORAD L1  | 26470 2023-02 | CHOL APK | 242       | 265    | 290        | mg/dL |     |
| 11-05 16:17 | BIORAD L1  | 26470 2023-02 | PHOS APK | 3.34      | 3.43   | 4.60       | mg/dL |     |
| 11-05 16:17 | BIORAD L1  | 26470 2023-02 | UrA APK  | 4.09      | 5.09   | 5.48       | mg/dL |     |
| 11-05 16:20 | BIORAD L1  | 26470 2023-02 | ALPA APK | 80.0      | 97.2   | 160.0      | U/L   |     |
| 11-05 16:21 | BIORAD L1  | 26470 2023-02 | GLU APK  | 77.0      | 80.0   | 94.5       | mg/dL |     |
| 11-05 16:22 | BIORAD L1  | 26470 2023-02 | HDL APK  | 87.6      | 81.5   | 110.0      | mg/dL | X   |
| 11-05 16:22 | BIORAD L1  | 26470 2023-02 | TRIG APK | 170.6     | 193.3  | 201.8      | mg/dL |     |
| 11-05 16:23 | BIORAD L1  | 26470 2023-02 | BILI D   | 0.12      | 0.28   | 0.52       | mg/dL |     |
| 11-05 16:23 | BIORAD L1  | 26470 2023-02 | QTP      | 6.20      | 6.29   | 8.40       | g/dL  |     |
| 11-05 16:37 | BIORAD L1  | 26470 2023-02 | BUN APK  | 12.8      | 14.7   | 17.5       | mg/dL |     |
| 11-05 16:38 | BIORAD L1  | 26470 2023-02 | Ca       | 9.1       | 8.7    | 9.7        | mg/dL | X   |







# KM NU HOSPITALS, AMBUR

Sample Id **596893**      Date **11-05-2021 18:35:59**      Ref. class **ADULT**

Patient Id  
 First name  
 Last name  
 Birth date **30-12-1899**      MD.  
 Section  
 Bed

| Test Name | Result | Units | Normal Range | Low/High/Normal |
|-----------|--------|-------|--------------|-----------------|
| ALPA APK  | 53.8   | U/L   | -            | -               |
| BILI D    | 0.11   | mg/dL | 0.00 - 1.20  | Normal          |
| BILI T    | 0.49   | mg/dL | 0.00 - 1.20  | Normal          |
| BUN APK   | 7.9    | mg/dL | 6.0 - 20.0   | Normal          |
| Ca        | 8.7    | mg/dL | 8.1 - 10.4   | Normal          |
| CHOL APK  | 107    | mg/dL | 20 - 200     | Normal          |
| GLU APK   | 189.9  | mg/dL | 70.0 - 100.0 | High            |
| GOT APK   | 15.0   | U/L   | 5.0 - 40.0   | Normal          |
| GPT APK   | 13.8   | U/L   | 5.0 - 35.0   | Normal          |
| PHOS APK  | 2.32   | mg/dL | 2.60 - 4.50  | Low             |
| QALB      | 3.81   | g/dL  | -            | -               |
| QCRE      | 0.83   | mg/dL | -            | -               |
| QTP       | 5.67   | g/dL  | -            | -               |
| UrA APK   | 5.11   | mg/dL | 2.60 - 7.20  | Normal          |